



# formerly RADIOFILE

Vol. 17 No. 6 November-December 1962

Published bi-monthly by Radio Magazines, Inc., Henry A. Schober, President; C. G. Mc-Proud, Secretary. Executive and Editorial offices, 204 Front Street, Mineola, N.Y. Address all mail and communications to P. O. Box 629, Mineola, N. Y. Printed in U.S.A. at Mineola, N. Y. All rights reserved. Entire contents copyright 1968 by Radio Magazines, Inc.

SUBSCRIPTION RATES: U.S. and Possessions, \$3.00 for six issues, \$5.50 for twelve issues. All other countries, \$3.50 yearly. ANNUALS (containing all indexes for the calendar year) as available, \$1.00 each, payable in advance.

Edgar E. Newman Editor
Henry A. Schober Business Manager
M. A. Scalise Circulation Manager
C. G. McProud Publisher

#### THE MAGAZINE INDEX

All material of permanent value in the periodicals listed is indexed by subject, not by title. Each bi-monthly index is cumulative, listing all material of the current year, so that only the latest issue need be consulted. The year-end ANNUAL is retained for permanent reference.

The notation following each item indicates publication, month, and page, followed by a letter which gives an indication of the general type of article. In those magazines in which schematics of radio and television circuits appear as a special section or as foldout pages, there is no page number given, but the identifying letter "s" indicates that the reference is a schematic in such a section or group of pages.

#### ARTICLE CLASSIFICATIONS

The letter following the page number of each listing indicates the classification of the article as follows:

Theory, design data	t
Construction, modification	_ с
Description, general discussion	_ g
Charts, nomographs, lists, etc.	_ d
Schematics for service information	S

LECTRODEX
P. O. Box 629
Mineola, New York

Subscription Rates: U.S. & Possessions \$3.00 for six issues; \$5.50 for twelve issues; all other countries \$3.50 for six issues.

Please enter my subscription for	LECTRODEX. I enclose \$	***************************************	
for a issue subscription	on.		
Name			
Address			
City	Zone	State	



### THE ELECTRONIC MAGAZINE INDEX

#### ~~~~~

$\mathbf{A}$	response of ribbed panels to reverberant acoustic fields AS June 809g
Accelerators	scanned line hydrophone study AS Mar 319g
Van de Graaff proton source receives	speech privacy in buildingsAS Apr 475g
110 Kilovolt boostsE Mar 30 58g	thermal relaxation in fluorine AS Mar 271g
coustics	ultrasonic absorption in tuolene in the
acoustic ambient noise in the ocean	kilocycle regionAS Mar 259g
AS Dec 1936g	variability of audiometric procedures
acoustic attenuation in a liquid layer	AS Feb 218g
AS June 836g	vortex action in edgetones AS Feb 163g
acoustic effect of rough ocean surfaces	Amateur Radio
AS Mar 298g	see also Transmitters & Receivers
acoustic interaction with spherical shells	all-transistor keyer & C.W. control unit
AS Mar 338g	QST July 330
acoustic resonance tube AS June 779g	amateur TV-the easy way
application of a blowdown wind tunnel	QST Nov 33c
for large-scale acoustic environmental	building & using the coax phase
testingS Mar-Apr 8g	detectorCO Jan 24c
criteria for concert hallsAS Jan 81g	detectorCQ Jan 24c choosing an antennaQST Jan 25g
delays associated with certain sidetone	converting the AN/ARC-3CQ Feb 486
pathwaysAS Apr 392g	crystal-controlled converter with
effects of auditory fatigue upon intensity	bandswitchingQST Mar 11e
discriminationAS Feb 212g	high performance tuner for V.H.F.
frequency-correlation functions of	convertersQST Jan 30c
frequency responses in rooms	how to protect your station from
AS Dec 1819g	lightning QST Dec 17g
frequency response curves in rooms	how to run your linear
AS Jan 76g from architectural acoustics to	how to use a tape recorder in your ham
molecular physics S July-Aug 27g	shack EL July 59g
S Sept-Oct 17g	introduction to V.H.F.
image interference in deep water	CQ Nov 95g
AS Sept 1197g	low-noise preamplifier for 432 Mc.
instrumentation for pulsed waves in water	QST Dec 360
AS Mar 312g	low noise transistor preamplifier
measurements of absorption coefficients	for 50 or 144 Mc QST Nov 30c
on plates AS June 803g	more on the electromonimuter QST Jan 47g
mechanical-acoustical behavior of poly-	OCO audio filterQST Jan 160 160-meter converter for 80-meter receivers
styrene foam S Mar-Apr 37g	QST Jan 550
model experiments with acoustic van	penultimate electronics keyer QST Mar 150
Atta reflectors AS May 665g	signal monitorPE May 510
musical-acoustical vocabulary	simple transmitter control panel
range dependence of acoustic fluctuations	CQ Apr 500
AS May 647g	transmitter-receiver control circuits
response of nonlinear structures to random	CQ Jan 30g
excitationAS June 827g	transmitting tube testingEW Jan 42g

U.H.F. grid-dip meter for the ham  EW Nov 58c
V.H.F. repeater problems & possibilities  QST July 26g
nplifiers AGC design for wide-range inputs
ED Nov 8 102g
anode-follower stereo preamp
EW July 38c
Audio
balancing stereo amplifiers
FN Nov 379g
design of hi-fi transistor power
ampinicis
frequency response specification
A Mar 24g
high-quality, low-power stereo amplifier
A July 23c
high-quality transistorized stereo
preamplifier A Nov 30c
A Dec 36c
high-stability feedback amplifier
A Oct 18c
mini-mono /stereo PE May 56c
mismatching hi-fi amplifiers EW May 54g
mismatching hi-fi amplifiers EW May 54g modified Mullard 3-wattFN Jan 526c
new directions in hi-fi amplifiers
RE Apr 35g
new high fidelity amplifier, design
considerations FN July 90t
Considerations
now high fidelity amplifier general
new high fidelity amplifier, general
new high fidelity amplifier, general construction FN Sept 204c
new high fidelity amplifier, general construction FN Sept 204c
new high fidelity amplifier, general construction FN Sept 204c
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor FP Aug 32g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits  BE Sept 6g BE Aug 18g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits  BE Sept 6g BE Aug 18g transistorized 200-watt stereo  A Nov 40c
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good?
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier Speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier Speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers ED June 21 68g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits  BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system  TC Nov s what makes an amplifier sound good?  HR Sept 43g bootstrap D.C. amplifier  WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers ED June 21 68g design aspects of transistor power amplifiers AES tuly 232g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits  BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system  TC Nov s what makes an amplifier sound good?  HR Sept 43g bootstrap D.C. amplifier  WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers ED June 21 68g design aspects of transistor power amplifiers AES tuly 232g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers EE Apr 249g design aspects of transistor power amplifiers AES July 232g design of a series tuned negative resistance amplifier SP June 29g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier speaker system TC Nov s what makes an amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers EE Apr 249g design aspects of transistor power amplifiers AES July 232g design of a series tuned negative resistance amplifier SP June 29g
new high fidelity amplifier, general construction FN Sept 204c new high fidelity amplifier, summary & test details FN Aug 150g special distortion tests for hi-fi amplifiers PF Aug 32g the transistor A Feb 23g transistor amplifier, economy model A Apr 24g transistor audio amplifier circuits BE Sept 6g BE Aug 18g transistorized 200-watt stereo amplifier A Nov 40c Webcor amplifier A Sept 43g bootstrap D.C. amplifier sound good? HR Sept 43g bootstrap D.C. amplifier WW Nov 553g checking up on video PF Jan 26g D.C. gain of an operational amplifier EE Apr 249g decreasing Miller effect in transistor amplifiers ED June 21 68g design aspects of transistor power amplifiers AES July 232g design of a series tuned negative resistance

designing a D-C to 100-Mc deflection amplifier E Apr 27 64g
designing phase-linear IF amplifiers
designing transistorized differential
ED Aug 16 52g
differential amplifier grown in silicon block E July 6 37g
direct current amplifier for control
systemsEE Mar 158g direct current switching amplifier
EE July 472g
do-it-yourself power amplifiers HR Apr 40g DuMont stereo amplifier chassis 120509-B
TC Sept s
feedback, transistor pairs WW Feb 77g
fundamental noise limit of linear amplifiers IRE July 1604g
get stability through mismatching
E Oct 19 50g
guide for designing low-drift, DC input amplifiersED Mar 15 82g
hi-fi tape record amplifierFN Oct 297g
high frequency ferrimagnetic attenuator  EE Apr 246g
high-frequency limiter amplifier solves phase-shift problems E Nov 16 44g
phase-shift problems E Nov 16 44g
high-frequency response of cascaded stagesEW May 44g
high-impedance drive for the elimination
stages EW May 44g high-impedance drive for the elimination of crossover distortion PGA July-Aug 99g high quality tape pre-amplifier
WW Feb 52g
high power voltage regulation circuit for high power transistorized amplifiers
AES July 236g
how to derive tunnel diode amplifier
gainEI Apr 95g how to design transformerless
audio-frequency power amplifiers  E Nov 16 50g
improve superregenerator has quench
converter E Sept 21 53g internal resistance of feedback amplifiers
EE Sept 600g
is this the simplest paramp ever built?  E Sept 14 46g
isolated parametric amplifier has low noise figure E Mar 16 58g
large signal equivalent circuits for
common emitter transistorEE Jan 24g lock-in amplifiers for signals buried in
noise E June 8 40g
low-frequency compensation of transistor amplifiers SP Sept 21g maximizing current gain in a transistor
maximizing current gain in a transistor
switching amplifierED Mar 15 62g measuring & matching tape playback &
microphone preamplifiers A Sept 42g

Aı

microwave-carrier modulation-demodulation,	
	wideband D.C. power amplifier SP Mar 38g
and logic circuitsIRE Feb 148g	wide-band FM booster EW Nov 50c
negative impedance electrometer	wide band transistor logarithmic amplifier
amplifiers IRE Sept 1909g	at 45Mcs EE July 444c
neutralized input capacity amplifiers	Antennas
IRE Sept 1942g	adjusting radar antenna tiltEI May 112g
novel A.G.C. method for transistor I.F.	antenna equipment reviewPF Aug 30g
amplifiers SP Feb 40g	antenna innovation glass-fiber tube focuses
novel differential amplifier stabilizes	microwave beamE Sept 21 44g
multivibratorE June 15 53g	antennas between World Wars I & II
open & closed loop response of feedback	IRE May 685g
amplifiersEE Oct 682g operational amplifiersEW Oct 37g	antennas during World War II
	IRE May 692g
parametric amplifier improves tropo-scatter	antennas for stereo FM PF Aug 34g
systemE Mar 2 38g	antennas since World War II IRE May 705g
paramp that tracked Pioneer IV deep-	antennas up to World War I IRE May 679g
space probe E July 13 45g	balloon-supported antennasWW Oct 502g
Pi-L circuit in kilowatt amplifiers	base insulating your vertical PE Dec 66c
QST July 17c	beam installation techniques CQ Apr 30g
power dissipation in Class B amplifiers	building an antenna coupler QST Feb 39g
PGA Sept-Oct 139g	CR antenna matching FW Ion Ale
preamplifier for the M.A. 15 FN Oct 290c	CB antenna matchingEW Jan 41g choosing anQST Jan 25g
FN Nov 382g FN Dec 466g	close engine the MAROFE Out
printed circuit power amplifier PE Apr 67c	close-spacing the W3QEF Quad
program gated noise suppression	QST Jan 35g
amplifier BE Apr 14g	composite antenna tuning unit BE Sept 22g
putting a servo amplifier on a small	design charts for microwave antennas
silicon wafer E Dec 28 33g	E May 4 46d
R-C high-frequency amplifiers EW Sept 61g	design for an all-purpose TV-FM antenna
reliable magnetic amplifier improves	EW Nov 36g
multiplierE June 29 76g	economical 75 meter whip CQ Feb 44c
semiconductor current amplifier	effect of correlated phase fluctuation
EE Mar 155g	AS May 555g
simplified assessment of transistor	80 & 40 meter inverted VCQ Mar 32c
amplifier performance EE Aug 554g	FM antennas for better listening
	200001
simplify UHF amplifiers with transmission	RE Feb 26a
simplify UHF amplifiers with transmission line tuned circuits E June 29 80g	folded dipoles RE Feb 26g PE Dec 54c
line tuned circuitsE June 29 80g	folded dipoles RE Feb 26g PE Dec 54c forty meter vertical beam CQ July 52c
line tuned circuitsE June 29 80g	folded dipoles RE Feb 26g folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g	folded dipoles RE Feb 26g folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g	folded dipoles RE Feb 26g folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g	folded dipoles PE Dec 54c forty meter vertical beam QU July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c	folded dipoles RE Feb 26g forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas RE May 712g getting maximum bandwidth with
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas RE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g
line tuned circuitsE June 29 80g sliding-bias amplifiersWW May 241g splitting the loadWW Feb 71g stabilized wide-band potentiometric preamplifiersIRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistorPE Jan 49c survey of low-noise microwaveEI Feb 115g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain
line tuned circuitsE June 29 80g sliding-bias amplifiersWW May 241g splitting the loadWW Feb 71g stabilized wide-band potentiometric preamplifiersIRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistorPE Jan 49c survey of low-noise microwaveEI Feb 115g transient testing of A. C. amplifiers	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin matchbeam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective	folded dipoles forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fit amplifiers E Oct 26 56g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fi amplifiers E Oct 26 56g ultrahigh impedance amplifier	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna BE Dec 14g installing master antenna systems PF Aug 28g know your transistorized antenna preamps TC Oct 38g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fi amplifiers E Oct 26 56g ultrahigh impedance amplifier E Oct 5 48g	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems PF Aug 28g know your transistorized antenna preamps TC Oct 38g let's have a look at antenna preamps
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fi amplifiers E Oct 26 56g ultrahigh impedance amplifier  E Oct 5 48g unique output circuit in transistorized	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems PF Aug 28g know your transistorized antenna preamps TC Oct 38g let's have a look at antenna preamps PF Apr 34g
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fi amplifiers E Oct 26 56g ultrahigh impedance amplifier E Oct 5 48g unique output circuit in transistorized hi-fi amplifier EW Oct 55g	folded dipoles forty meter vertical beam — CQ July 52c frequency-independent antennas, survey of development — E Apr 20 39g future of antennas — IRE May 712g getting maximum bandwidth with dipole antennas — E Aug 31 40g hairpin match. beam matching by shunt reactance — QST Apr 11g how to measure antenna gain  CQ Nov 40g how's your — CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems PF Aug 28g know your transistorized antenna preamps TC Oct 38g let's have a look at antenna preamps  PF Apr 34g Mark III DX antenna — CQ Dec 43c
line tuned circuits E June 29 80g sliding-bias amplifiers WW May 241g splitting the load WW Feb 71g stabilized wide-band potentiometric preamplifiers IRE Sept 1928g stereo preamp has everything RE Oct 44c RE Nov 48c subminiature 3 transistor PE Jan 49c survey of low-noise microwave  EI Feb 115g transient testing of A. C. amplifiers WW Dec 593g transistor amplifier with adjustable impedance & gain E Apr 13 68g transistor R-C oscillators & selective amplifiers WW Dec 583g tunnel diode amplifiers SP Apr 19g two easy ways to stabilize power-transistor hi-fi amplifiers E Oct 26 56g ultrahigh impedance amplifier  E Oct 5 48g unique output circuit in transistorized	folded dipoles PE Dec 54c forty meter vertical beam CQ July 52c frequency-independent antennas, survey of development E Apr 20 39g future of antennas IRE May 712g getting maximum bandwidth with dipole antennas E Aug 31 40g hairpin match. beam matching by shunt reactance QST Apr 11g how to measure antenna gain CQ Nov 40g how's your CQ Jan 27g installing a directional antenna BE Nov 14g installing directional antenna systems BE Dec 14g installing master antenna systems PF Aug 28g know your transistorized antenna preamps TC Oct 38g let's have a look at antenna preamps PF Apr 34g

	motor-driven remote mobile-antenna	Automatic Control
	tuningQST Sept 16c modern antennas in space communications	automatic control & electronics
	E Sept 7 39g	IRE May 787g review of control developments
	multiband mobile antenna loading coil	IRE May 781g
	multiband Quads CQ Nov 53c	Aviation
	new approach to antenna bridge	air traffic control E Dec 7 37g
	measurementsE July 27 50g	computer-aided air traffic control
	new leaky-wave antenna designs	design & performance data for X-Band
	E Feb 16 35g	aircraft antennas EI Aug 104g
	new TV antennasEL Mar 29g optimum antenna design for DX	designing a CW FM altimeter transmitter
	CQ Nov 49g	EI Mar 102g
	parallel conductors between ground	judgment tests of the sound from piston, turbojet, and turbofan aircraft
	planes IRE Mar 299g	S Mar-Apr 24g
	protective coatings for antennas  CQ Nov 43g	
	ready-reference data simplifies antenna	В
	design E Dec 21 50d	Batteries look how they're packaging power
	reception of partially polarized radio waves IRE Sept 1950g	PE Dec 41g
	remote control antenna switch CQ Mar 26c	Bionics
	retrievable antennasQST Aug 34c	a weird worldPE Oct 5lg
	right way to install PF Feb 30g	animal sensors & electronic analogs  E Feb 16 40g
	rotator maintenance & troubleshooting	applications & new directions
	rotatorless antenna can be aimed	E Mar 16 60g
	EW Dec 64g	brain models & neural nets _ E Mar 2 4lg
	self supporting antenna mast	electronics & the life sciences E Feb 9 37g
	small tilt-over mast for roof-top	Broadcasting add a paging system to your monitor
	QST May 34c	BE Nov 10c
	space-age antenna ideasQST June 11g	AM & FM broadcastingIRE May 811g
	special antenna for a moon capsule	an approach to cleaner sound BE Mar 18g
	E Nov 16 46g Sterba curtain for the low bands	audio considerations for stereophonic
	CQ Nov 47c	broadcastingAES Jan 36g
	TAHA-tapered aperture horn antenna	audio limiting & AGC actionBE June 4g
	RE Dec 26g	audio studio maintenance BE June 14g BE July 12g
	3 simple SWL. antennasEL Jan 46c	BE Aug 14g
	tower constructionCQ June 50g 20 meter mini-dipoleCQ Mar 49c	automatic tape cuerBE Mar 22g automatic time injectorBE Oct 12g
	20 meter tower-mounted 'Bird Cage'	automatic time injector BE Oct 12g
	CQ June 43c	broadcasting developments now taking place
	unique feed system improves space	camera-tube alignment using 30 cycles
	antennasE June 22 36g up-to-date nomograph aids tropo antenna	BE Dec 26g
	designE Oct 26 62d	contour calculations BE Dec 16g
	using the helical antenna at 1215Mc	design & performance of a broad-band FM demodulator with frequency
	V.H.F. beams from TV antennas	compression IRE Dec 2436g
	CQ Mar 44c	do you understand DBU's & DBK's
	which FM antenna for you?	BE Nov 20g elements of stereo broadcasting
	EL Nov 38g	FN Mar 671g
	X-Band aircraft antennas, design &	FM stereo, a broadcaster's viewpoint
١	performance data for EI Aug 104g udio	EW Sept 27g
	reduction of feedthrough in audio	forensic engineering BE Jan 14g framelock device for the Ampex VTR
	switchingA Feb 28g	BE Nov 22g
	utomatic Checkout Equipment	frequency allocations for broadcasting
	for today's complex systems E July 13 37g	IRE May 825g
ø		N 1000

improving AGC amplifier control	leaky electrolytics in transistor circuits
EI Dec 176g	EW June 39g
installing a directional antenna	rapid selection of VHF bypass capacitors
BE Nov 14g installing directional antenna systems	E Dec 28 44d
BE Dec 14g	semiconductor junction capacitors  WW Apr 193g
measuring phase shift between stereo	using a vibrating capacitor as an
channelsBE Oct 10g	electrometer inputE Apr 6 48g
mobile videotape installation-TWW,	variable semiconductor capacitor
England BE Dec 10g	EE Nov 733g
new emergency generator BE July 10g new FM rules affect you BE Nov 28g	Cartridges
new stereo FM broadcasting system	inside theHF Jan 49g
AES Jan 2g	measuring & matching the phono
new teletype automatic Conelrad alarm	equalization curve A Aug 24g
BE Aug 10g	stereophonic ceramic pickup cartridge
planning a new FM stereo station	for two-gram tracking PGA Sept Oct 145g
BE Nov 12g BE Dec 22g	Cathodes space-charge-neutralized hollow cathode
preventing signal contamination	RCA June 230g
BE Oct 16g	Circuit Breakers
preventive maintenance for the studio  BE Dec 12g	selecting circuit breakers for electronic
program gated noise suppression amplifier	applicationsED Mar 15 90g
BE Apr 14g	Circuits
radio transmitter maintenance BE Sept 4g	bias oscillator circuits RE July 66g
BE Oct 22g BE Nov 16g	bootstrap follower characteristics
report on the New York UHF test	WW July 322g
PF May 34g	cathode follower & negative capacitance as
some do's & don'ts for FM stereo	high input impedance circuits  IRE Sept 1912g
BE Sept 18g	circuit theory to system theory
spotlight on FM HF May 47g stereo broadcast decoders WW Oct 487g	IRE May 856g
stereo broadcast decoders WW Oct 487g	current controlled Schmitt trigger
stereo phonograph records, phase	WW Nov 549g
relations & stereo broadcasting  BE Aug 24g	designing flip-flop counting circuits
technical factors affecting the feasibility	EI Mar 95g
of direct broadcasting from earth satellites	designing molecular circuits for use in
MP June 436g	complex systems E Sept 21 39g designing transistorized Schmitt trigger
technology of television program	circuits ED Dec 20 36g
production & recordingIRE May 830g	developing the Hall generator equivalent
television broadcasting IRE May 818g	E Jan 5 90g
television system maintenance BE Jan 6g	designing VR-tube circuits ED May 10 62g
television translator notes BE Feb 22g the Voice of America BE Jan 24g	direct voltage trigger circuit _WW Oct 460g
top hop educational TV microwave	history of circuit theory IRE May 848g
system BE Jan 16g	know your transistor circuits PF Mar 3g
transistorized three-channel mixing console	linear voltage-controlled transistor time
for simultaneous FM Multiplex & AM	delay circuitEE Oct 676g neon-bulb flip-flop circuitsEW Oct 52g
broadcasting AES Apr 130g	noise-free keying circuit E Mar 30 53g
WINC satellite remote unitBE Oct 8g	noncutoff circuits improve trigger switching
C	E July 27 36g
C	oscillator control, using neon bulb
Capacitance	E Jan 26 52g
lumped capacitance effects on distributed	overload protection circuit E Mar 30 60g
tank circuits ED Aug 30 38g	rapid design of switching circuits using
don't overloadEW Jan 36g	new designer's sheet ED July 19 46g review of complementary transistor
	circuitsED June 7 52g
expressing capacitor reliability accurately  EI Dec 100g	sweep circuits using two three-terminal
getting to know the bypassPE Jan 91g	active elementsE Mar 23 54g
A STATE OF THE PARTY OF THE PAR	

teaching of circuit theoryIRE May 872g theoretical aspects of circuit theory	designing infrared communication systems ED Aug 2 60g
IRE May 866g transistorized dekatron driving EE Jan 40g	digital communications system design  EI Mar 108g
universal controlEW Jan 62g	digital communications system to test
Citizen's Band	space pathE Apr 13 20g
antenna duplexerEI Mar 66g	effects of fading on quadrature recention
antenna meter forRE Jan 66c	of orthogonal signals RCA Sept 353g
CB antenna duplexerEL Mar 66c	feasibility of amateur space OST Jan 42g
CB antenna matching EW Jan 41g	for Project OSCARQST Feb 19g future developments in vehicular
CB servicing made easyEL May 70g	communications IRE May 1415g
CB servicing made easy EL May 70g EL July 66g EL Sept 99g CB signal generator EL May 62c	history of land-mobile radio
choosing the right antenna EL May 35g	communicationsIRE May 1405g
design of transistorized CB transmitters	how we talk to the astronauts EL Mar 52g
EW Feb 34g	microwave communications IRE May 907g
double-conversion adaptor EL Nov 62c	microwave relay, designing with
gabble killerPE Apr 41c	traveling wave tubesE Jan 19 40g
ground-plane antenna for Citizens Radio	parametric amplifier improves tropo-scatter
RE July 74c	systemE Mar 2 38g
how to build CB antennasEL May 52c	phase-stable oscillators for space commu-
how to buy a transceiverEL May 30g	nications IRE July 1656g
how to get the most out of Citizens	piezoelectric effect & applications in
Band radioEL May 29g marine lightning arrester for CB or radio-	electrical communication IRE May 929g
telephoneEL July 38c	private radio signalingEW Mar 28g
maximum efficiency from CB PF June 50g	propagation of the low-frequency radio
multi-watt transistorized CB transceivers	signal IRE Apr 404g quantum effects in communications
EW July 45g	systemsIRE Sept 1898g
noise limiter for the HE-20A _RE Sept 56c	selective calling ends hubbub in mobile
product directory PE Aug 69d	radioPF Feb 34g
push-to-talk switching EL Jan 64g	servo-tuned transceiver for airborne VHF
'S' meters for CB EW Sept 36g selective calling for RE Feb 62g	E Jan 5 82g
signal-strength meter for CB _EW Mar 80c	sixty years of radio amateur _QST Feb 11g
three transistor CB transceiver	speech communication systems
EW Nov 38c	IRE May 769g
tiny TALKIE for CBEL May 46c	summary of military communication in the
tune your transmitter output EL May 81g	U.S. — 1860 to 1962IRE May 1241g
Coil-winding ChartsEW Aug 54d	Aural Zone paths IRE July 1676g
Color Organ	traffic jam ahead on short waves
high-power transistorized photorhythmicon	RE Sept 57g
EW Aug 31c transistorized photorhythmicon	very low frequency electromagnetic waves
EW May 49c	WW Apr 186g
Communications	Commutators
antennas & transmission lines IRE May 879g	solid-state optoelectronic commutator
coaxial cable communications system	E Feb 16 38g
EW Oct 38g	using Hall generators as contactless
coherent FDM/FM telephone	commutators E Feb 9 43g
communication IRE Sept 1957g	Components
EE June 382g	capacitors IRE May 924g
compatible technologies of radio & wire	development of component parts field
IRE May 892g	IRE May 912g electromechanical components
cooperative digital & voice system	EI June Fl d
EI Feb 190g	electronic componentsEI June El d
design guide for tropospheric scatter	electronic materials - 1912-1962
systemsED Jan 18 34g	IRE May 945g
	November December 1069

future of the components field IRE May 950g modern electronic components E May 11 51g printed circuits & microelectronics IRE May 937g	reliable circuit supplies high peak deflection voltages E Oct 12 54g scaling of analog computers WW May 217g some design aspects of electronic reactor simulators EE Mar 168g sophistication in computers-a disagreement
relays & switches IRE May 932g resistors IRE May 920g	IRE June 1459g transistorized five digit digital voltmeter
transformers, inductors & filters  IRE May 935g	using solar cells to read holes
Computers analog technique derives correlation	ED Feb 15 78g versatile analog storage uses ferrite cores
functionE Apr 13 65g ASTRAC offers new computing methods	Control Systems
EI July 104g	direct current amplifier for control systems  EE Mar 158g
character recognition by digital feature detectionRCA Mar 60g	method for tackling discontinuous nonlinearities ED July 19 66g
charge-controlled logic circuits for 12 Mc. parallel adderSP Jan 29g comparing storage methods EI Aug 120g	tackling time-varying system analysis by differential equationsED Feb 15 82g
comparison of analog-to-digital conversion	Converters
techniques ED Aug 2 82g computers can think PE Sept 67g	analog to digital converter uses transfluxorsE May 18 62g
data addressed memory using thin-film cryotronsE May 4 31g	balanced converter E Nov 2 46g
D-C level shifter checks new computer	crystal-controlled converter with bandswitchingQST Mar 11c
modules E July 6 44g development of high-speed switching	crystal-controlled 1296-Mc. converter
elements IRE May 1067g evolution of computing machines &	designing high-voltage digital/analog
systems IRE May 1039g	convertersED Sept 13 60g 430 KC & down — two-tube converter
computingIRE May 1059g	Hall effect DC to AC converter
eyes & ears for computersIRE May 1093g feedback loops in binary scaler design	EE Nov 755g high performance tuner for V.H.F.
EW May 80g	QST Jan 30c
floating point arithmetic unit EE Mar 144g high-density storage of wideband analog	how to design DC DC power converters  ED Dec 6 38g ED Dec 20 46g
dataE Mar 30 45g human factors & electronic _EI Jan 182g	how to install & service UHFTC Jan 30g how to install FM auto convertors
hybrid analog-digital techniques	TC May 46g
hybrid computation gets analog out of rut	inexpensive converter gives 5,000 volts D-C E July 13 54g
ED Oct 11 54g 'idiot-proof' method for analog simulation	little U.H.F. converter PE Oct 41c logarithmic analog-to-digital ED Feb 1 36g
of transfer functions ED June 21 70g	low & medium frequency converter EW Aug 48c
inexpensive multiplier for analog computersE May 4 37g	NASA-136PE June 39c
key to faster computers: ten-nanosecond amplifier E Dec 14 39g	new power sources & energy converters  E Apr 6 35g
logarithmic analog-to-digital converters	new way to multiply Q with transistors  E July 13 48g
mass storageIRE May 1087g nands & nors & sheffer strokes	nuvistor converter for 220Mc QST July 38c
WW July 341g	160-meter, for 80-meter receivers
new approach to serial decoding eliminates static storage E Aug 24 32g	QST Jan 55c practical 432 Mc converter ——CQ Feb 45c
new concepts in computing system design IRE May 1073g	precise converter takes current analog of digital voltage pulsesE Aug 10 68g

stable low-noise tunnel-diode frequency converters RCA Mar 3g 10-8 deluxe PE Jan 4lc theory & design of wide-band parametric converters IRE Jan 31g three-band crystal-controlled converter QST Aug 24c transistor voltage-to-frequency converter EE July 468g 2N1177s in a six-meter converter CQ July 58c Cooling Devices evaluating power-transistor cooling devices	Delay Lines delay-line nomograms EW Nov 35d delay line pulse generator SP Aug 39g glass digital delay lines: new computer component E Nov 9 60g how to specify magnetostrictive delay lines E May 18 54g using magnetostrictive delay lines EI Jan 92g EI Feb 110g EI Mar 114g what designers should know about magnetostrictive delay lines E Apr 13 55g what is the optimum mode for magneto- strictive delay lines E Aug 31 43g
ED Mar 29 44g	Design '62
Counters	communicationsED Jan 4 38g
an improved batchingEE Jan 38g designing flip-flop counting circuits EI Mar 95g diode matrix shrinks decimal counter	components ED Jan 4 40g microelectronic ED Jan 4 42g microwaves ED Jan 4 35g RFI ED Jan 4 35g
E Mar 30 50g	satellites ED Jan 4 33g
fast counter for adding or subtracting randomly related pulse trains	semiconductors ED Jan 4 40g systems ED Jan 4 31g
EE Apr 227g	Detectors
magnetic-core ring counter needs no drive E Mar 23 52g	silicon junction nuclear particle detectors  RCA Mar 29g
new idea in counting: incrementally magnetized cores E June 15 40g 1-2-3 totalizer PE Aug 52c 100 KC add-subtract transistorized decade counter SP June 19g reversible decade counter E Mar 2 46g Cryogenics cryosar: promising element for tomorrow's computers E Aug 17 39g electronics at ultra-low temperatures EW July 23g small cryogenic laboratory ED Nov 8 114g Crystals crystals for communications PF June 38g effect of temperature on a spherical crystal AS Aug 1073g extensional vibrations of thin quartz disks AS Dec 1911g frequency spectrum of a monoclinic crystal plate AS Dec 1902g preamplifier for lazy crystals PE Dec 57c temperature coefficients of Alpha-quartz IRE Aug 1812g	Developments in Britain E Feb 16 44g  Diodes  characteristics & applications of Zener diodes EE Nov 736g characteristics of an exponentially retrograded variable capacitance diode SP Apr 38g SP May 24g designing tunnel-diode circuits using composite characteristicsE Feb 16 46g diode quads, a reliability trap?  ED Aug 16 48g diodes '62 ED May 24 36g double injection diodes & related DI phenomena in semiconductors IRE Dec 2421g extending tunnel diode operating frequency E June 1 43g faster Zener diodes makes new uses possible E Oct 19 54g five new diode circuits for nanosecond microwave switching E Aug 31 37g frequency multipliers & harmonic generators using varactor diodes SP Nov 17g
	high-speed logic circuits using tunnel
Data-Flow Diagrams final steps — adding pertinent data  ED July 19 62g	diodes RCA June 152g junction theory for silicon logarithmic EI Jan 100g
functional breakdown & signal-path determinationED June 21 76g laying out loops & determining generations ED July 5 82g	measuring temperature with diodes & transistors E May 4 38g microwave applications of the silver-bonded diode E May 11 86g
what are they — why use them  ED June 7 46g	new way to measure diode recovery time E June 15 50g
0	Nameshan Danashan 1000

plate dissipation nomograph for damper	educationIRE May 957g
diodesE June 8 50g	graduate study in electrical engineering
P-N junction charge-storage diodes	IRE May 960g
practical tunnel-diode NOR circuit	looking at Company educational programs
ED Mar 15 72g	EI Feb 202g
relaxation oscillations with junction diodes	maintenance in teaching labs EW May 46g Electroluminescence
EI May 130g	electroluminescent devices WW Aug 367g
review of the tunnelEE Jan 8g	Electronics
EE Feb 82g	electronics in CanadaE Sept 28 37g
7 circuits for tunnel diodes RE Nov 36g	sun-tracking robot furnace uses servo
simple method of plotting tunnel-diode switching waveforms E Dec 14 49g	amplifierRE May 32c Equalization
step recovery diode IRE July 1665g	constant impedance variable equalizer
switching-time tester for tunnel diodes	EE July 450g
E Apr 20 48g	equalization for tape recording &
temperature-compensated Zener diodes	reproductionEE Sept 588g
SP Apr 25g	EE Oct 688g
testing the tunnel diodeEW May 29g	versatile phonograph preamplifier equalizerPGA Mar-Apr 41g
tunnel diode amplifiers SP Apr 19g	
tunnel diode as a relaxation oscillator EE Aug 552g	$\mathbf{F}$
tunnel-diode balanced-pair switching	Facsimile
analysis RCA June 187g	facsimile techniques & equipment
tunnel diode power supply for	Feedback EW Aug 21g
experimenters PE Jan 72c	amplifier response construction
tunnel, low duty cycle tester E Jan 26 47g	WW May 237g
tunnel, semiconductors with negative	amplifier terminal impedances
resistance PF Mar 54g tunnel, switching times EI Feb 105g	decreasing the threshold in FM by
two transistors equal one constant-current	frequency feedback IRE Ian 18g
diode E July 6 50g	frequency feedbackIRE Jan 18g design, fundamentals ofWW Jan 27g
use of semiconductor diodes in R-F gates	WW Feb 83g WW Mar 144g WW Apr 183g
SP May 19g	WW July 329g WW Aug 375g WW Nov 559g WW Dec 609g
versatile Zener diode array forms high-	WW Nov 559g WW Dec 609g
speed quantizer E Aug 17 52g	envelope, in an audio-frequency amplitude modulatorEE Feb 96g
Zener, presenter has constant power featureSP Jan 34g	feedback, distortion & allied topics
Distortion Jan 54g	WW Mar 127g
measurement of wave distortion in	frequency shifter for improving acoustic
liquidsAS Jan 31g	feedback stability AES Apr 110g
new procedure for computing finite-ampli-	general discussion ofA Jan 40g
tude distortion AS July 941g	Mu-Beta effect calculatorWW June 281g positive feedback & negative resistance
E	WW Oct 499g
	series feedback A Dec 34g
Education closed-circuit TV for the school	simulating discontinuous nonlinear
RE Feb 74g	functions using feedback EI Aug 97g
education for engineers in bio-medical	transistor amplifier pairs, use of negative WW Feb 77g
research IRE May 1195g	voltage-controlled oscillator uses
electrical engineering education today	negative feedback E Mar 16 64g
IRE May 955g	Ferrites
electronic careers in the Navy RE Mar 32g	binary arithmetic utilizing ferrite cores
electronics schools, the key to your future PE Feb 4lg PE Mar 63g PE Apr 57g	EE Jan 28g
PE Feb 4lg PE Mar 63g PE Apr 57g engineer & the life sciences	binary multiplication & division using ferrite cores EE Aug 549g
IRE Aug 1758g	discussion of microwave ferrites
future trends in electrical engineering	EI May 114g
	78

new trends in low-price ferrite limiters E Dec 21 40g	design of a transistor high power clock pulse generator SP July 23g
active RC filter using cathode-followers	fast-rise, high-current transistor pulse generator SP Oct 29g
EE July 458g	high voltage pulse generator SP Oct 29g
design of symmetrical bandpass filters	EE Dec 824g
ED Apr 12 40g	long staircase generator E Aug 31 54g
easy-to use nomographs eliminate filter calculations E Nov 30 92d	low-cost pulse generator E Apr 13 70g
easy way to design ceramic resonator	oxide thermoelectric, high output voltage withE Feb 2 39g
filters E Nov 9 54g	simple random noise generator
end of i.f. transformers?transfilters	RE July 57c
FL-8 filter roundup CO July 46g	simple square-wave generator
FL-8 filter roundup CQ July 46g how to specify & test ED Jan 18 44g	thermionic generators EE May 307g
resonant side-branch filters AS May 594g	transistor staircase generator EE July 486g
simplified filter design EI July 99g	transistorized organ generators
simplified low-pass filter design  E Sept 7 52g	EE June 388g
voltage-variable bandwidth filter	transistorized voltage-controlled variable
E June 1 46g	pulse rate generator EE May 322g two practical-class waveform generators
White noise signals aid systems analysis  E Jan 5 86g	EE June 366g
Flowmeters E jan 5 80g	Geoscience & Geoengineering
flow measurement electronic techniques &	application of well logging techniques to
devices EW Oct 45g	ASWEPS shipboard system for collecting
new 20 Kw FM transmitter BE Aug 4g	oceangraphic data IRE Nov 2252g
practical FM engineering BE Feb 6g BE Mar 12g BE Apr 18g	dynamic positioning of the Mohole
BE Mar 12g BE Apr 18g	experimental drilling ship  IRE Nov 2255g
simple F-M demodulator for audio frequencies E Nov 30 89g	geoscience & geoengineering
frequencies E Nov 30 89g stereo FM report PF Dec 26g	IRE Nov 2180g
the weather & your FMFN Sept 223g	geophysical techniques for studying the earth's interior IRE Nov 2184g
FN Nov 387g FN Dec 461g	observing the atmosphere-a challenge
FM-Multiplex - see Stereophony	IRE Nov 2192g
Frequency	orbiting geophysical observatories  IRE Nov 2287g
calibrating frequency standards with VLF	problems of the upper atmosphere
transmissions E Apr 27 60g	IRE Nov 2198g
frequency allocations tableE Apr 13 37d nomogram quickly yields mixer output	well logging—the exploration subsurface geology
frequenciesED May 10 70d	Graphical symbols for electronics diagrams
simple method of measuring frequency	E Mar 23 33d
deviation EE July 470g	Guidance Systems how to select shaft-position encoders
standard frequency transmissions	E Aug 31 48g
Fuel Cells WW Apr 160g	H
fuel cellsEW Sept 23g	Harmonic analysis
there's a fuel cell in your future	Headphones
EL Sept 106g	headphone control center for monaural,
G	diotic & binaural listening A Nov 55g Hearing
Gauges	acoustic reflex in manAS Sept 1524g
buffer stage for piezo-electric strain	auditory threshold as a function of
EE Feb 99g	forced-choice technique, feedback &
Generators	motivation AS Feb 223g  Rekesy's audiometer AS Sept 1333g
avalanche pulse generatorsSP Feb 23g	Bekesy's audiometer AS Sept 1333g bone conductions AS Sept 1325g
chart of Hall generator applications	cochlear potentials in the monkey
EI Aug 117d	AS Sept 1411g
10	November-December 1969

cochlear responses to acoustic transients	I
AS Sept 1438g computational model of the basilar	Impedance
membrane AS Sept 1370g	active load impedanceAS Mar 282g
development of traveling-wave theories	coaxial-line nomographEW Jan 35d
AS Sept 1319g dimensions of traveling-wave envelopes	eliminate trial & error in broadband impedance matchingE Sept 28 68g
AS Sept 1364g	imp sleuth-bridge circuit measures
directional sensitivity of hair cells	impedancesPE May 65c
AS Sept 1351g	parallel-line impedance nomogram
effect of phase shift on hearing  A July 36g	EW Feb 31d
human discrimination of auditory duration	Smith-chart short cut renormalizes feedline impedances E Nov 1663g
AS May 582g	what is impedance?EL Mar 74t
inhibition in the cochlear nucleus	Industrial Electronics
AS Sept 1472g	automatic check-out for automated wiring
lateralization of acoustic transients  AS Sept 1460g	binary numbers are not complicated
loudness, reciprocality & partition scales	PF July 28g
AS Sept 1466g	check auto ignition with an ohm-dwell
mechanical factors in the inner ear  AS Sept 1504g	tachometerRE June 32g
middle-ear function: input impedance	chemicals for the electronic industries
AS Sept 1514g	EI May 100g
middle-ear mechanics & surgery for	closed-circuit television system for X-Ray inspection MP June 444g
deafness AS Sept 1509g neural mechanisms of auditory system	designing & specifying die-stamped circuits
AS Sept 1396g	ED Mar 15 86g
neurophysiology & neuroanatomy of the	direct heat to electricity energy converters
cochlea AS Sept 1377g	EW May 39g
new ideas about earsHR July 35g pure-tone loudness relationsAS May 576g	early history of industrial electronics IRE May 1129g
reflex response of middle-ear muscles	effect of fan-wheel construction on
S Mar-Apr 17g	sound-pressure level S July-Aug 40g
sensory hairs of the inner ear	effective use of service chemicals
AS Sept 1356g structure of tectorial & basilar membranes	PF May 30g
AS Sept 1386g	electronic bankerEL July 53g electronic weighingEW Dec 38g
studies of olivo-cochlear bundle	electronic yarn fault analyzer EE Feb 112g
AS Sept 1478g time/frequency analysis in cochlear	electroplating for the electronics industry
models AS Sept 1337g	SP July 21g
eat Sinks	induction heating turns the trick  RE June 48g
getting the most from a heat sink	industrial electronic developments
EI Aug 100g	IRE May 1136g
igh Fidelity an approach to custom hi-fiPF May 32g	must all packages be welded ED Mar 15 78g
can high fidelity be measured?	nuclear radiation gages for industry
HF July 28g	EW June 23g
design & construction of hi-fi cabinets	photographic oscillograph — EW July 52g proximity detection systems — TC June 30g
FN Mar 668c FN Apr 753c FN May 831c FN June 34c FN July 85c FN Aug 143c	putting 'silent sound' to work PF Apr 74g
FN Sept 209c FN Oct 295c	tape controlled rotary table EE June 377g
hum, its causes & cures HR Nov 55g	testing magnetic amplifiersPF Oct 8lg
light-actuated gain controlA Sept 38g	thermistors in industryRE Mar 68g tunnel diodes, semiconductors with
mixer for multi-use audio system  EW July 50c	
uman Factors	negative resistance PF Mar 54g ultrasonics in testing EW Jan 31g
communication between man & machine	unique engine tachometer uses only passive
IRE May 1124g	elementsE July 27 40g vs TV serviceEW Jan 49g
human factors in electronics IRE May 1116g	
man-machine system concept IRE May 1117g	Information Theory

He

Hi

Ηu

information storage/retrieval	TV interference problems EW Dec 50g
E June 29 39g	Inverters
information theory IRE May 1151g noise & random processes IRE May 1146g	DC inverter with CR timing
on communication before the days of	handy 12-Volt DC to 110-volt AC inverter
radioIRE May 1143g	QST Aug 18c
Infrared	new circuit design raises inverter
designing infrared communication systems	frequency limits E Oct 26 59g
ED Aug 2 60g	transistor, a single viewWW Jan 17g
gallium-arsenide diode sends television by infrared beam E Oct 5 44g	transistor inverters WW July 325g
handy nomogram speeds infrared system	
designE Oct 19 64d	K
measuring infrared detector noise	Klystrons
measuring radiationEI Feb 96g	can varactors get rid of F-M distortion
signal generator for infrared region	in reflex klystrons E Aug 3 42g
E Feb 23 40g	multiple-beam klystron generating microwave superpower EI July 92g
Instrumentation	new design concept reduces klystron
digital display of measurements	weight E Dec 28 36g
IRE May 1170g	
frequency & time standards IRE May 1158g	L
measuring devices in electronics	Lasers
Insulators IRE May 1164g	lasers & their applications MP Nov 828g Lasers & their uses EW Dec 29g
injection currents in insulators	measurement units used with Lasers
IRE Aug 1781g	E Apr 20 54g
Integration	Logic
integrated circuits EW Nov 31g	advanced integrated circuit logic designs
Interference	El Nov 118g El Dec 111g another look at current-mode systems
applying shielded cables to reduce	ED Nov 22 48g
coping with RFI & interaction in	economical circuit design EI Feb 94g
silicon-controlled rectifier circuits	evaluation of tunnel-diode balanced-pair
ED Mar 1 54g	logic systems RCA Dec 489g high speed encoding with
designing & applying RFI shields &	resistor-transistor-logic circuits
gaskets ED Sept 27 62g eliminating TV PF Jan 28g end auto radio RE Jan 40g	E Feb 9 48g
end auto radio RE Ian 40g	neon lamps for low-speed, low-duty-cycle
evolution of regulatory standards of	logic ED June 7 56g
interference IRE May 1306g	20 June 41 04g
field intensity meter characteristics	new approach to locked-pair tunnel-
field intensity material EI Apr 97g	diode logic E Aug 3 46g novel design technique for transistor
field-intensity meters for microwave spectrum-signature collection	digital circuitsE Aug 24 42g
ED Nov 8 108g	techniques of current-mode logic switching
how the system manager should approach	FD Sept 19 54m
the problem of RFI ED Aug 16 58g	unique tunnel-diode circuit performs odd- and-even logicE Oct 19 61g
interference factors & the future	Loudeneakers
measurement of small signals in the	acoustical lens EW Dec 34g
presence of common mode interference	another word on multiple speakers
EE July 483g	hack-seat music makers DF Sont 720
military specifications for RFI	back-seat music makers PE Sept 73g balance & phase your TR Jan 22g
Putting the damper on PEI To Ive 22	clean sound from the drainpipe 8
putting the damper on RFI TC June 38g radio frequency interference measurements	PE June 59c
& standards IRE May 1312g	club sandwich reflexPE Nov 51c
RFI control-clearing the air	control console for multi-speaker presentations of electronic music
ED Sept 27 37g	AES Oct 338g
12	November-December, 1962
	Trovelloct-Detelliber, 1902

distortion in loudspeakersEW June 27g	Materials & Hardware
distortion measurements of high-frequency	a comparison of R-F shielding materials
duoflex	materials & hardware EI June D1 d
effects of nonlinear elements upon back-	Mathematics
enclosed, direct radiator loudspeaker	specification in mathematicsEE Sept 616g
mechanism AES Apr 156g	Measurements
electro-pneumatic air modulator for fog signalsPGA July-Aug 105g	accurate V.O.M. resistance measurement
figure of merit for horn loudspeaker	EW Feb 108g
driversAES Oct 302g	continuous thermal resistance measurements SP Nov 24g
flat voice coils make flatter speakers	correlation of, using statistical techniques
RE Jan 63g further notes on the 'tricolumn'	ED Jan 18 193g
FN Feb 619g	digital measurement of Mean Phase Shift
horn-type FN Jan 519g	.EE Oct 664g 50-Kc marker generatorQST Mar 29c
FN Feb 607g FN Mar 664g FN Apr 761g	making better switching-time
FN May 842g FN June 25g	measurementsED May 10 58g
importance of speaker efficiency	making microwave measurements
let's build a crossover networkRE Aug 32c	EI June G2g
loudspeaker enclosure walls AES July 224g	power measurements with your scope
loudspeaker intercom systems	RE May 45g
loudspeakers RE May 730g	unconventional approach to pulse-width measurementsE Oct 26 51g
method of testing loudspeakers with	use raster oscilloscopes for faster time
random noise inputAES Oct 306g	measurements E Dec 28 38g
PA speakers — why so many types	Medicine
phasing & balancing speaker systems	auditory fatigue from audio analgesia  AS Apr 383g
RE Dec 50g	blood-cell scanner identifies rare cells
polystyrene diaphragmsWW Jan 44g	E Apr 27 52g
soundliner, adaptable speaker enclosure	data handling, computers & diagnosis
PE Mar 69c speaker enclosure with folded horn	IRE May 1190g
PE Oct 47c	electronic stimulator for physiological use
stereo sixteen plus fourPE Jan 45c	electronics & biologyEW Feb 27g
thirty pounds of magnet & an 18" cone	electronics in clinical research
A July 19c three years with an electrostatic	IRE May 1177g
FN May 85Ig	history of bio-medical electronics art
transistorized tone burst system for	IRE May 1173g
transient response testing of loudspeakers	how heart pacers work EL July 36g
two speaker, acoustically coupled, single	improving the response of a recording galvanometerEE Feb 92g
enclosure stereo systemAES Oct 294g	inexpensive monitor reads blood pressure
variations on the 'Tricolumn' FN Jan 523g	automatically E Nov 23 40g
M	measurement of galvanic skin response
M	neural responses to bursts of noise
fasers	AS May 571g
how to build an opticalED Feb 15 86g negative L & C in solid-state masers	neural responses to repetitive stimuli
IRE July 1608g	AS May 562g
optical masersSP Aug 17g	new ideas about ears
packaged traveling-wave maser system	oxygen analyzersEW June 54g
IRE June 1470g	photoelectric apparatus for examining
solid-state optical maser operates continuouslyEW Mar 36g	blood circulation in interior of eye  EE Jan 2g
some potentialities of optical IRE Feb 135g	properties of the eighth nerve action
specify optical-maser crystals ED Feb 15 90g	potentialAS Jan 99g

recording of conditioned eyelid movements EE Sept 605g	calibration & free-field evaluation of a pressure-gradient microphone
relaxation flasher for medical research  E Jan 12 66g	AS Nov 1779g
stapedectomy operation for hearing loss from otosclerosis S July-Aug 16g	condenser-microphone mixer A Oct 48c electroacoustic measuring equipment & techniques for microphones
studying life processesE Jan 19 47g	extending microphone leadsFN Oct 309g
telemetering electromyograph with a single frequency-modulated channel	how to choose a microphone HR June 39g
EE June 398g	level with your mike PE Nov 49c microphone calculations for the space age
truth about electro-shock EL Nov 32g ultraviolet microscopy with closed-circuit	E N 0 CC4
TV RE Aug 68g	professionalize your recording mike(s) TR July 20g
vibratory stimulation of the skin	understanding the microphone  RE Aug 46g
AS June 850g Memories	RE Sept 66g
computer memories- possible future	varidirectional condenser microphone MP Aug 581g
developments RCA June 137g magnetic-film rods provide high-speed	vibration problems with microphones  S Nov-Dec 21g
memoryE Feb 2 50g microaperture high-speed ferrite memory	Microwaves
RCA Dec 539g	analyzing power transfer in microwave systemsEI Apr 101g
registering masks for thin-film memories  EI Sept 96g	antenna innovation glass fiber tube
retrieval of ordered lists from a content-	focuses microwave beamE Sept 21 44g challenge & progress in 4 systems in
addressed memory RCA June 215g	communication satellitesED Jan 18 156g
time compression with a solid-state analog memoryE May 11 88g	converting microwave power to temperature ED July 5 86d
Mesosphere, sonic structure of AS Feb 193g	countermeasures receiver tunes with passive
Microelectronics	elements E July 6 40g
digital versus linear microcircuits  ED Feb 15 58g	design charts for microwave antennas  E May 4 46d
heat dissipation goals defined	dielectric microwave resonator
ED Feb 15 60g	IRE Oct 2081g drift control allows expansion scales for
interconnections keyed to systems  ED Feb 15 62g	SWR meter E May 25 45g
latest design techniques for linear	electron guns for forming solid beams of high perveance & high convergence
microcircuits E Oct 12 47g	IRE Aug 1800g
microcircuits hit the market ED Feb 15 72g microelectronics ————————————————————————————————————	eliminate trial & error in broadband impedance matching E Sept 28 68g
SP Dec 29g	field-intensity meters for microwave
microelectronics today EI Dec 92g more facts on hand on reliability	spectrum-signature collection  ED Nov 8 108g
ED Feb 15 69g	future of microwave communications
progress & pitfalls in microelectronics  E Oct 19 45g	IRE May 1215g
some practical shielding solutions	gaseous breakdown in pressurized microwave componentsE Apr 20 45g
ED Feb 15 66g standards ED Feb 15 54g	heating of waveguide windows
state of the art: combined techniques	RCA Sept 311g high-power microwave source uses parallel
preferredED Feb 15 50g	klystrons & flywheelE June 15 46g
Microminiaturization new techniques for semiconductor device	making microwave measurements  EI June G2 g
microminiaturizationSP Oct 19g	microwave antennas, designed for space
Micromodules how to design micromodules E Sept 14 37g	ED May 10 40g
Microphones	microwave applications of the silver-bonded diodeE May 11 86g
a century of microphonesIRE May 719g	microwave communicationsIRE May 907g
4	November-December, 1962

microwave interaction with matter	self-reactance modulation in telemetry
microwave measurementsIRE May 1225g	oscillators E Mar 2 35g video transmission by Delta Modulation
microwave phototube, new detector for	IRE Apr 428
optical receivers E July 20 37g	Modulators
microwave power tube directory-1963 EI Dec 139d	design of a microwave-frequency light
microwave reference sectionEI June Jl g	modulatorIRE Apr 452g determining pulse fall-time in klystron
microwave tubes, state of the art	modulatorsED June 7 60g
EI Nov 106g	economy transistorized modulator
millimeter waves, what we have, what we need E Oct 12 37g	CQ Dec 510
new method of stabilizing microwave	gate circuit protects beacon modulators  E Feb 23 44g
oscillators EE Jan 36g	improved radio frequency Hall effect
nonlinear effects in quantized microwave systemsE May 11 79g	modulatorEE May 316g
novel slotted line uses slow-wave technique	semiconductor modulators for modern magnetronsE Sept 14 42g
E Aug 31 46g	semiconductor stacks available for use in
phase shifting with nonlinear dielectrics	radar modulators SP Mar 45g
progress on the microwave arts	simple F-M demodulator for audio frequencies E Nov 30 89g
IRE May 1199g	transistor phase sensitive demodulator of
relativistic beam-wave interactions	high performanceEE Oct 698g
IRE Feb 170g	Motors electronic speed control for
some microwave ferrite devices & their applications EE Dec 816g	hysterisis-synchronous motors A Apr 20g
space-charge-neutralized hollow cathode	Multivibrators
RCA June 230g	avalanches in a free-running multivibrator
spanning the microwave infrared gap	EE July 455g comparison of tunnel diode monostable
IRE May 1219g	multivibrators SP July 9g
survey of low-noise amplifiers EI Feb 115g synthesizing antenna radiation patterns	complementary multivibrator
ED June 7 48g	WW Aug 360g designing SCR multivibrators
understanding microwave system loading	ED Nov 22 44g
using double-ridge waveguide for electronic	eliminating the first stage of a
countermeasuresE Oct 5 50g	monostable multivibrator E Sept 7 54g fast recovery monostable multivibrator
Missile Systems	SP Sept 25g
checking readiness of missile guidance	unijunction transistor multiplies
systems E July 27 33g molecular electronics in, how soon?	monostable's pulsewidthE June 29 74g  Musical Instruments
ED Feb 15 74g	Doppler-type organ tone cabinet
Modulation	AES July 216g
accurate analog computation with	electromagnetic couplers for 'Hi-Fi News'
pulse-time modulation E Mar 30 54g better speech quantizing for pulse-code	electronic organFN Jan 53lg electronic banjo, revisitedPE Mar 71c
modulation E Nov 30 84g	electronic organ tone generators A Feb 34g
light modulation with piezoelectric	A Mar 30g
crystals EI Nov 90g microwave-carrier modulation-demodulation	Hamograph, new amplitude rhythm control
amplifiers & logic circuits IRE Feb 148g	device for production of electronic musicPGA Jan-Feb 22g
modulation methods	Hamograph, new approach to electronic
new pulse modulation method varies both	music A Oct 23g
frequency & widthE Oct 12 50g plate modulation for the 150-watter	musical scales since Pythagoras
QST July 42c	S May-June 22g one-armed theremin PE Aug 59c
pulse-modulation techniques _EW Feb 52g	prelude for the well-tempered clavichord,
rebirth of the negative peak modulation	not well-tempered A Oct 42g quality of piano tones AS June 749g
indicatorCQ June 56g	quanty of plano tones As June 749g

recording musical instruments TR Mar 19g	eliminating pickup noise in test equipment
swell tone forming unitFN Feb 605g	ED Apr 12 44g ED Apr 26 66g
transistorized organ generators	evaluating signal-to-noise ratio A Apr 26g
transistorized tremolo adds color to	experimental studies of glass breakage due
musical instruments PE July 49c	to sonic booms S May-June 18g face-to-face communication in noise
musical instruments PE July 49c vibrato simulator EW Nov 44c	
violins old & new, an experimental study	AS July 936g frequency analyses of short-duration
S July-Aug 7g	random noise S Nov-Dec 31g
	high-pressure blowoff silencers
N	AS May 602g
areast and a	how to specify & measure transistor noise
Navigation	instrumentation & techniques for noise
aeronautical navigational electronics  IRE May 658g	& vibration control S Nov-Dec 26g
air traffic control equipment subsystem -	model studies of jet noise generation
present & futureIRE May 663g	S July-Aug 36g
electronic navigation in flight	noise & its measurementEW May 25g
RE Aug 42g	noise attentuation of ear-protective devices
gross errors in radar altimeters	noise problems associated with launching
IRE June 1515g	large space vehicles S Nov-Dec 7g
high-reliability scanners for stellar	perception of two-component noise bursts
improved navigation aids needed to	AS Dec 1876g
	practical technique for noise-figure
tighten wasted airspace E Dec 14 46g space navigation	measurements ED Aug 30 42g thermal-noise spectrum of water
trends in space navigation IRE May 1362g	AS May 550g
Vetworks	train noises & use of adjacent land
designing transistor-biasing, for thermal	S Jan-Feb 10g
stabilityED Feb 1 32g	White noise, its nature, generation &
determination of the admittance matrix of	applications EW Nov 40g
a linear three-pole network EE July 476g drawing ladder network flowgraphs	Nuclear Science
EI Aug 112g	energy conversion techniques
on the transient response of ideal	instrumentation & control circuits of
crossover networksAES July 241g	nuclear reactors IRE May 1261g
packaging & interconnecting integrated	nuclear radiation detectors IRE May 1266g
networksEI Sept 100g	nuclear reactor plant kinetics
parametric energy conversion IRE Mar 312g time-domain synthesis of one-port networks	IRE May 1276g
ED Mar 29 48g	0
transient response of linear passive, to	U
phase-modulated signalsEE Feb 87g	Optics
Voise	fiber optics camera for recording
an approach to quiet neighborhood	sequences of X-Ray pictures  MP Aug 585g
planning S Sept-Oct 7g	fiber optics for electronics engineers
antenna noise & propagation	E June 1 37g
can accurate measurements be made with	image processing with optical panels
a sound-level meter held in hand?	E Dec 21 35g
S Jan-Feb 17g	sunflower optics, new concept in color- TV display E Dec 14 33g
correlation in noise fields	the optical-electronic spectrum
AS July 971g	EI Apr 112g
detection of single-frequency signals in	Oscillators
the presence of noise AS Dec 1824g efficiency of circular sources & circular	control circuit uses neon bulb E Jan 26 52g
arrays of point sources with linear phase	crystal locked blocking oscillators for a
variationAS June 788g	time-mark generatorEE June 395g design of a transistorized oscillator
electronic sound absorberAES Apr 135g	AES July 208g
6	
	November-December, 1962

designing Class-C transistor L-C	Phonographs
oscillatorsE July 27 42g	Sparton stereo phonograph Model 12M5 P
field-effect transistor oscillators  E Dec 21 44g	Webcor stereo phonograph Models 1376
graphical method speeds design of	& 1377TC Sept s
vacuum-tube blocking oscillators	Westinghouse stereo phonograph chassis
ED Mar 1 48g	V-2515-2 TC Sept s Photography
ED Mar 15 66g	additive exposures in process photography
high-stability transistor oscillator for	MP June 449g
400McEE Apr 238g klystron oscillators for millimeter waves	camera drive power MP Nov 842g
EI May 94g	chemistry & color photography  MP Dec 937g
LC oscillator design WW Nov 535g	commercial systems for making 8mm prints
WW Dec 595g	MP June 447g
light-controlled oscillator EL Mar 68c	film registration systems used in process
microminiature crystal oscillator using wafer modulesE Apr 13 60g	photographyMP July 493g flood life stretcherPE Jan 61c
new method of stabilizing microwave	reperal survey of high speed photographic
EE Jan 36g	general survey of high-speed photographic techniques MP Dec 915g
oscillators by means of magnetoresistance	high-speed photography of liquid/solid
effect IRE June 1484g	impact
phase stable oscillators for space	high-speed photography of rapid air
communications IRE July 1656g power flow between linearly coupled	currents & shock wavesMP Mar 178g high-speed photography using a
oscillatorsAS May 623g	high-frequency spark source & a
self-reactance modulation in telemetry	Kerr cellMP Feb 93g
oscillatorsE Mar 2 35g	high-speed X-ray flash cinematography
stability of tunnel-diode oscillators	of small objectsMP Feb 90g
super-stable variable frequency oscillator	higher-speed color print film MP Oct 779g how color negative film surface
CQ Dec 34c	characteristics affect picture quality
transistor RCWW Feb 91g	MP Jan 15g
transistor R-C oscillators & selective amplifiers WW Dec 583g	how to photograph electronic equipment
tunnel-diode oscillator delivers R-F &	PE Dec 72g
audio E Oct 12 50g	image converter tube photography  MP Apr 271g
two transistor tuning fork oscillator	improved automatic exposure control
varactor-tuned tunnel-diode oscillator	MP July 510g
now practicalE Sept 21 50g	Kerr-cell photography in plasma physics
variable-frequency sinusoidal, using a	MP July 501g
single active element IRE Feb 162g	light-interval meterEW July 48c miniature slave flashEL Nov 74c
voltage-controlled oscillator uses negative feedback E Mar 16 60g	multiple Kerr-cell system with square
	shuttering characteristic MP Jan 29g
P	new color negative film for better picture
Parameters	quality MP Oct 776g novel shutter & intermittent for
choppers - electromechanical or transistor?	video-recording camera MP Mar 167g
ED Aug 16 56g	optical velocity measurement system
design chart for calculating electron-beam  E Feb 16 50g	MP Dec 925g
new design method optimizes gain-band-	practice of high-speed photography
widthE July 6 54g	MP Dec 911g remote control for motion-picture
simple test sets measure tunnel-diode	camerasMP Jan 13g
parametersE Apr 6 43g	role of fiber optics in ultra-high-speed
Patents	photographyMP Feb 75g
patent information for the inventor EW July 70g EW Aug 82g	standardization of sound negatives &
protect that inventionQST Jan 63g	prints MP Nov 846g tape/slide synchronizer PE May 46c
protection of trade secrets A Apr 23g	transistorized darkroom timer EW Apr 32c

transistorized power flashPE Feb 66c	reference supply delivers half-volt
true Kerr-Cell framing camera  MP June 440g	incrementsE May 4 41g regulated low-voltage supply for service
universal image dissection camera for	bench or lab RE Feb 30c
high-speed photographyMP Feb 86g	regulated supply for transistor circuits
Physics magnetic field generation, basic concepts	EW Jan 53c
& methods EE Oct 658g	regulating & stabilizing HV power supplies
Pickups	EI May 120g EI July 114g
automatic measurement of phonograph	safety techniquesCQ Mar 34g
reproducers PGA Mar-Apr 52g design & performance of an integrated	satellite power supply has variable pulse
stereo pickup & armAES July 245g	widthE Feb 23 47g
how's your pickupTR Apr 22g phono cartridges & styliTC Sept 82g	some thoughts on power supplies
phono curve data for indolent engineers	ST Oct 28g specifying DC electronic power supplies
A Sept 46g	EI Oct 128g
pickup problems, reducing inertia	supplementary requirements of transistor
FN Dec 457g	preamplifier power supplies  AES July 252g
quartz pickups measure pressure  RE Oct 36g	transistor power supplies with limited
rational design of phonograph pickups AES Oct 274g	overload currentEE Aug 526g
stereophonic frequency test record for	transistor power supplyQST June 52c
automatic pickup testing	tunnel diode bias suppliesEW Feb 45c
PGA July-Aug 109g	tunnel diode, for experimenters PE Jan 72c
turntable rumble & pickup arm / design W Sept 435g	understanding power supply terminology EI Oct 122g
Plasma	understanding power supply voltage
plasma frequency probe, new ionosphere	regulatorsEl Oct 138g
measurement technique E Nov 30 81g Madistor-magnetically controlled	unique power supply delivers constant voltage & currentE Aug 3 40g
semiconductor plasma device	using constant current power supplies
IRE Dec 2428g	EI Oct 148g
Potentiometers figure of merit for AC precision pots	variable DC power supply for the experimenter
ED Aug 30 32g	variable-voltage regulated power supply
nomograph for calculating potentiometer	EW Dec 47c
errorsE Feb 2 53d	variable-voltage stabilized supply
realistic potentiometer derating	Pre Amplifiers are Amplifiers
E Aug 10 76g self-balancing potentiometersEW Sept 33g	Pre-Amplifiers, see Amplifiers Printed Circuits
severe environmental potentiometer	circuit tracing printed boards PF Dec 58g
applicationsEI Mar 92g	easier PC board repairs PF July 26g
Power Supplies	first aid for printed circuits PE July 53g
constant-current power sources, their characteristics & applications EW Oct 60g	getting the most out of perforated chassis boardsEL Mar 35g
current stabilized transistor power	make your own printed circuits
suppliesEE May 332g	EL July 47c
designing special power supplies for	modular circuit construction EE Mar 173g
voltage-tunable oscillators E Nov 2 48g overload protected D.C. power supply	printed-circuit packaging; can it be
EE Mar 180g	carried further?ED Apr 26 37g testing for vibration inED Jan 18 190g
power supply control & regulation by	Propagation
means of thyratronsQST Nov 26c	average decay laws for VLF fields
power supply for transistor measurements  SP Apr 34g	IRE Jan 53g
power supply regulation nomogram	50mc propagation effectsCQ June 37g
EW Dec 33d	future of propagation research &
power supply with a stabilized power outputEE Sept 624g	how to use radio propagation reports
power supply with protection -A June 27g	EL Jan 49g

	introduction to the theory of VLF	semiconductor stacks available for use in
	propagation IRE July 1624g	radar modulatorsSP Mar 45g
	low-frequency sound-propagation study AS July 967g	steering radar beams with a lossless
	making your own orbital predictions from	R-F matrix E July 13 50g upwind-downwind ratio of radar return
	Doppler measurementsQST Mar 23g	IRE Apr 456g
	notes on Sporadic-E propagation	Radiation
	CQ June 60g	basic effects of nuclearEI Jan 102g
	propagation between World Wars I & II	curbing TV radiationPF Apr 58g
	IRE May 688g	design & packaging for nuclear exposure
	propagation during World War II  IRE May 698g	EI Apr 108g
	propagation in a stratified medium	designing equipment for nuclear environmentE Mar 16 51g
	AS Apr 438g	dosimeter, radiation measuring device
	propagation of the low-frequency radio	EW June 43g
	signalIRE Apr 404g	effects of nuclear, on electronic materials
	propagation since World War II	EI Feb 99g
	IRE May 709g	electronic devices detect radiation
	propagation up to World War I	TC Mar 26g
	properties of 400 Mcps long-distance	how radiation distorts scope traces  PF Dec 34g
	tropospheric circuits IRE Dec 2464g	measure atomic radiationRE Aug 26c
	radio refractive index of air IRE Mar 260g	RE Sept 43g
	reception of partially polarized radio waves	measuring infrared EI Feb 96g
	shadow reception CQ Dec 52g	meter measures minute currents
	shallow water fluctuations AS Jan 67g	RE Feb 39c nuclear blast effects on components &
	sunspot cyclesWW Feb 86g	equipment EI Oct 94g
	verification of the Karal-Keller theory	nuclear burst alarm tester EI Aug 110g
,	AS June 785g	nuclear radiation gages for industry
i	ulses how to produce variable width pulses	EW June 23g
	E Dec 21 48g	passive detection with radiometers  EI Nov 113g
	transistors & high power pulses	radiation fallout monitor PE July 37c
	EE Apr 244g	radiation 'lingerprinting' EW Dec 58g
	R	radiation survey meter E Feb 23 50g
2	adar	radio frequency radiation hazards  EI Nov 96g
	adjusting radar antenna tilt EI May 112g	theoretical considerations on millimeter
	doubling tracking accuracy with a two-way	wave generation by optical frequency
	Doppler systemE July 20 42g early history of radarIRE May 1232g	mixing IRE Aug 1796g
	generalized resolution in radar systems	unique two-channel tachometer uses
	IRE Oct 2093g	radioisotopes E Dec 7 44g Radio Control
	giant haystack radar facility E Nov 9 49g	versatile R-C TransmitterRE Aug 29c
	how good is radar jamming?	Radiography
	new tunnel-diode preamplifier improves	thirty-nanosecondMP Feb 82g
	phased-array radar E Sept 28 57g	Ratiometric measurements, techniques &
	pulsed radar measurement of backscattering	accuracies E Mar 23 56g
	from spheresRCA Mar 80g	Reactance
	quick way to find radar range E Sept 7 56d	analysis of the effects of reactances on performance of tunnel-diode balanced
	radar cross section measurements, how	pair logic circuit RCA Dec 457g
	accurate are they?E July 20 48g	'seeing' inductive reactancePE Sept 46g
	radar on the highwaysRE July 30g	Receivers
	RATAN — harbor TV-radar RE June 72g recent refraction data corrects radar errors	add an electronic tuning indicator to your Heathkit AJ-31 PE Dec 55c
	E Dec 7 52d	Airline transistor radio Model Gen
	reducing clutter in air route surveillance	1225A TC Dec s
	E Jan 26 37g	Amateur

R

all-transistor six-meterQST Feb 29c	General Electric Stereo phonograph
audio filters for c.w. reception  CQ Jan 45g	Model RP2060ATC Aug s Granco AM/FM radio Model 704 TC Jan s
biography of a modified NC-183	half century of television reception
CQ Mar 52g	IRE May 799g
complete mobile installation for	heterodyne receivers for RF-modulated light beamsRCA Sept 407g
compact carsQST Feb 44c	Hoffman transistor radio chassis BP318
EW Nov 60g	TC Apr s
gated A.V.C. system for S.S.B., A.M., &	hybrid receiver, for the locals PE Apr 74c imperfect squelch PF June 32g
C.WCQ Sept 30c	inexpensive remote pickup EI Jan 168g
general coverage for the 75A4  CQ Sept 44c	Matsushita transistor radio Model T-35
looking at phone signals QST Dec 46g	measurement circuit displays phase-tracking
160-meter converter for 80-meter  OST Jan 55c	error of if limiters, amplifiers
ORM eliminator for communication	ED Apr 26 58g
receiversEW Mar 52c	Motorola auto radio Models 202, 203, 204  TC Aug s
ten meter conversion of the BC-348  CQ Jan 38c	Motorola auto radio 1962 Rambler
The 'Miniceiver'CQ Jan 34g	Model 2TMR TC Feb s
Scan-Pan panoramic adaptor	Motorola Ford auto radio Model C2AA- 18806-M,-N C2YA-18806-E TC Oct s
S.S.B. reception with A.M. receivers	Packard-Bell Stereo Adapter
CQ Oct 37c	Model MPX-1-1TC June s Philco remote control receiver Model
thyratron operated phone patch	RC-05
CQ Jan 42c 32S1 operating improvements	Philco transistor radio Model T-63 TC May s
CQ Aug 47c	printed circuit pocket radioEL July 50c
tunable I. F. amplifier using transistors	radio receivers - past & present
two-signal selectivity measurements	IRE May 884g
CQ Aug 60g	recent trends in receiver front-end design  OST June 17g
2-tube, 2-meter superregenPE Oct 65c versatile receiver audio system	reducing interference in untuned-I.F.
QST May 44c	receivers WW Nov 521g replacement parts for transistor radios
V. H. F. panadaptorCQ July 26c	PF Jan 24g
characteristics of flywheel synchronizing circuits in televisionEE Feb 77g	revolution in auto radio - transistors
compact nuvistor product detector	are taking over PF Mar 24g
EW July 27c	S-9'er, preselector PE Feb 47c servicing FM stereo receivers TC June 34g
Delco Chevrolet auto radio Model 985332 TC Oct s TC Apr s	servicing two-way communications receivers TC Sept 26g
Delco Model 7276605 auto radio 1961	Sony transistor portable radio Model
CadillacTC Jan s	TRW-621 TC Feb s soup up your SWL rig EL Jan 71c
Delco Pontiac auto radio Model 983687 TC May s	soup up your SWL rigEL Jan 71c
design considerations for automobile	squelch control uses double superheterodyneE Jan 19 44g
AM/FM receiversSP Aug 25g	Sylvania stereo Hi-Fi Models 45C31-1,
designing AGC for transistorized receivers  ED Sept 13 64g ED Oct 11 76g	55C31-1 G9400TC Oct s Telefunken stereo tape recorder Model 77
determining true performance EI Feb 120g	TC June s
development of the art of radio receivingIRE May 793g	Admiral TV chassis 19B8B, 19UB8B
Emerson transistor radio chassis 120655	18D8B, 19UD8BTC Jan s
TC Dec s	Admiral TV chassis 19C8BPF Sept 3g
Fisher Model 800 AM/FM stereo receiver TC Mar s	Admiral TV chassis 20L8PF Apr 3g Airline TV chassis Models WG 1683A,
FM for motorists HF June 32g	WG2683A TC Nov s
	N 1 D 1 1000

Airline TV chassis Models WG-6050B	Packard-Bell TV chassis 98D14 PF Feb 4g
6051B, 6052B, 6150B 6152BTC June s	Philos TV dissis 50D14 FF Feb 45
Airline TV chassis 23S15SG PF July 1g	Philco TV chassis 12J28A PF July 3g
Curtis Mathes TV chassis 6D	Philco TV chassis 12N53 PF Feb 5g
PF Aug 1g	Philco TV chassis 13N51, 52, 53
Delmonico model CC-210 PF Nov 1g	TC Dec s
Delmonico model PTV-M3UPF Sept 4g	Philharmonic TV chassis TSL-001
design '62RE Jan 50g	TC Feb s
DuMont Model 800-B108, chassis	RCA TV chassis KCS13OF, H, K, M
120612-A PF Dec 1g	TC Feb s
DuMont TV chassis 120591A, 120592B,	RCA TV chassis KCS130YAB-YAC
120593ATC May s	PCA TV charie VCS 186V
Electrohome TV chassis CHT-213-611	RCA TV chassis KCS 136Y series TC Nov s
TC Mar s	RCA TV chassis KCS137,-138 TC Dec s
Electrohome TV chassis models Kimberly	RCA TV chassis KCS140A PF Sept 5g
& KalmarTC Aug s	RCA TV chassis KCS 140A, B
Emerson TV chassis	TC Sept s
120507A, -8B	RCA color TV chassis CTC11 TC May s
120515C, -16D	RCA color TV chassis CTC 12A, B,P,R,
120541C, -42DTC Mar s	TC June a
Emerson TV chassis 120572C PF Apr 4g	RCA model 213G276MV chassis CTC12A
Emerson TV chassis 120572-C, -573-D	PF Nov 3g
Emerson TV chassis 120593-A	Setchell-Carlson Model 19P68R TV
PF July 2g	chassis C-219 PF May 4g
Emerson TV chassis Models 1800 &	Silvertone Model 21941, TV chassis
2000 seriesTC Oct s	528.51868 <b>PF Dec</b> 3g Silvertone TV chassis 528.51894
Gamble Skogmo TV chassis Model TV17-	PF Apr 6g
9444ATC Oct s	Sony Model 8-301WPF May 5g
General Electric TV chassis LX TC Apr s	Sparton TV chassis Model 23K2
General Electric TV chassis LX	TC June s
PF Aug 2g	Sylvania TV chassis 558-1, -2 TC Apr s
General Electric TV chassis M 597 series TC Nov s	Sylvania TV chassis 558-1 PF Aug 4g
General Electric TV chassis MW	Symphonic TV chassis TSL-001
TC July s	TC Nov s
General Electric TV chassis U5 TC Feb s	Toshiba TV chassis Model 10PG
highlights of 1963 TV linesPF Oct 3g	TC June a
Magnavox Model 2MV135D, chassis	
V38-04-00 PF Dec 2g	Trav-Ler TV chassis 1180-12_PF Sept 6g
Magnavox TV chassis 34-01, -02, -03	Truetone Model 2DC3250, chassis
-04, 05, -07TC July s	1171-62 PF Dec 4g
Magnavox TV chassis 36-03 PF Apr 5g	Truetone TV chassis 1095-232 TC Aug s
Montgomery Ward TV models	Truetone TV models 2DC1270A, -2A, -4A
WG-4234A, -4334ATC Mar s	Westinghouse TV chassis V 2400 4
Motorola model 23SF5MAF PF Aug 3g	Westinghouse TV chassis V-2409-4, -5, -6, -7, -8TC Feb s
Motorola TV chassis TS, QTS, RTS, STS,WTS-436TC Sept s	
Motorola TV chassis TS 440 TC Apr s	Westinghouse TV chassis V-2417-1,-2,-3, -4, -5, -6TC June s
Motorola TV chassis TS-449 series	Westinghouse Model H-K4120U Chassis
TC Dec s	V-2417-6PF May 6g
Motorola TV chassis TS-449A-03	Zenith color TV chassis 27KC20 &
PF Feb 3g	27KC20QTC Aug s
Motorola TV chassis TS-576 TC Jan s	Zenith model 6015W TV chassis
Olympic V chassis JU-JCU _TC June s	27KC2OQ PF Nov 4g
Olympic Model 9TX11 chassis LX	Zenith TV chassis 16J22QSPF July 4g
PF May 3g	Zenith TV chassis 16J28QSTC Mar s
Packard-Bell Model 21CC4 chassis 98C6	Zenith TV chassis 16K20, 16K20QS
Packard Rell TV chassis Model 99DC16	Zenith TV chassis 29JC20PF Feb 6g
Packard-Bell TV chassis Model 23DC16 TC Nov s	30-50 specialEL Jan 66c
IC Nov s	Jan 000

Toshiba transistor radio model 9TL-365S  TC Jan s	delay relays & timer clocks & solenoids  TR Jan 24g
transistor AM-FM receiverEE May 300g Zenith transistor radio Models 6JT40Z1 6JT41Z1TC July s	disc recording & reproduction  IRE May 738g  drop-outs in instrumentation magnetic
Recorders an all transistor television tape recorder	recording PGA July-Aug 112g electronic editing of magnetic television
MP Dec 933g attaining wide-range frequency response from tape recordersHR Mar 52g	tape recordingsMP Feb 95g film recording & reproduction IRE May 745g
audio-radar monitor recorder PGA Sept-Oct 132g	flutter index conceptMP Jan lg four channel audio mixerEW Apr 49c
automatic control for the Viking cartridge tape machine BE Apr 6c	glossary of recording terms _TR July 27d high-quality stereophonic mixer A Mar 19c
deluxe your portable tape recorder PE June 69c	let's talk about tape synchronization  A Nov 25g
do's & don'ts of buying a tape recorder  HR Mar 47g	magnetic playback using Hall-effect sensitive elementsPGA May-June 84g
don't trade in your old recorder  TR Apr 18g	new approaches to AC-biased magnetic recordingPGA May-June 72g practical stereo reverberation for studio
guide to tape kits HF Aug 60g how it works TR Jan 18g TR Feb 23g / TR Mar 32g	recordingAES Apr 114g  RC equalization curvesEW Apr 53g
how to choose a portable recorder  TR Aug 24g	recording from radio & TV TR Sept 31g recording musical instruments TR Mar 19g
investigation of speed variations in a magnetic tape recorderAES Apr 119g	remote mike control at 100 feet  TR Sept 26g
let your recorder go hi-fi TR Nov 20g low-down on mixers TR May 24g new video tape recorders RE Dec 64g	short wave stations TR Apr 28g signal-to-noise ratio & equalization of magnetic tape recording
notes on the proper pampering of your	PGA Mar-Apr 34g
tape gear HF Aug 57g professional tape reversing mechanism	single-turn recording headsE Jan 5 89g stereo mike mixerEL Sept 66c studies on the reduction of head wear
proper recorder ventilation TR Oct 24g repairing tape recorders TC Dec 32g	caused by magnetic tapesAES Jan 60g system of electrostatic recording
servicing the bias oscillatorRE Aug 73g simple tape recorder repairs _EW Mar 37g	PGA July-Aug 95g time base distortion in continuous
stereo tape head tips on adjustments & measurements	recording systemsAES Jan 44g tips on taping stereo FMHR May 38g vertical tracking angle—source of IM
tape recorder circuits . WW Nov 531g WW Dec 601g tape recorder-plotting dataFN Apr 767g	distortion A Nov 21g what about the bias oscillator?
troubleshooting your recorder _TR Oct 28g 25 things to do with a tape recorder	wide-range wow & flutter indicator
TR June 24g Recording	MP Jan 9g Rectifiers
absolute method for aligning magnetic recording track using electrical techniqueAES Jan 49g	controlled rectifiers for fast power switching E Apr 27 58g current-limited IRE Feb 190g
anecdotal history of stereophonic recording  A May 25g	overcoming turn-on effects in silicon controlled rectifiers E Aug 17 50g
approaches to wideband, high-resolution magnetic recordingAES Jan 53g	why use silicon rectifiers for high-voltage service E Dec 7 46g
case against low-frequency pre-emphasis in magnetic recordingAES Apr 106g	Relays installing, testing & maintaining them
compatibility problems in two-channel stereophonic recordingsAES Jan 8g current problems in magnetic recording IRE May 751g	relay electronics EW Sept 48g transducer controlled EW Jan 84g transients in relay dielectrics EI Oct 102g
	the state of the s

use of D.C. relays in home audio systems	high-accuracy satellite tracking system
Reliability A Sept 27g	impact of missiles & space on electronics
expressing capacitor reliability accurately	IRE May 1237g
point-availability nomograph E Jan 12 68d	interim results of the LOFTI I experiment
reliability 1962 E Nov 30 53g	IRE Jan 6g interpretation of cloud pictures from the
reliability & quality control	Tiros meteorological MP Jan 21g
IRE May 1321g straight-line plotting of reliability	Mariner II instrumentation: what will
functions ED Dec 6 44g	it see on Venus? E Dec 14 42g OSCAR I: summary of the world's first
the designer's dilemma ED Nov 8 62g	radio-amateur satelliteQST Sept 46g
Remote Control  Emily, robot with a one track mind	paramp that tracked Pioneer IV deep-
PE Mar 41c	space probeE July 13 45g position prediction for the Echo II
selective signaling deviceQST Mar 43c	satelliteQST Oct 64g
Resistance	predicting OSCAR's orbit with ease
nomograph for parallel resistors, series capacitors & parallel inductors EI Apr 94d	CQ June 58g Project OSCAR — a reportCQ Feb 24g
parallel resistance calculator EW Apr 45d	Project OSCAR – keeping track of
Resistors	OSCARQST May 15g
adjusting micro-element resistors  EI Apr 114g	project relay communications satellite  E Oct 5 46g
designing diffused integrated circuit	redesigning Project Mercury beacons
resistorsEI Oct 88g metal oxide film resistorsEE Dec 804g	E Jan 19 50g
nomogram for resistor current-noise	satellite power supply has variable pulse
indexED Mar 15 121d	widthE Feb 23 47g satellite-related ionization effects
nonlinear resistors enhance display-panel	IRE Oct 2076g
contrastE Aug 3 33g	technical factors affecting the feasibility
cavity-loaded piston resonators	of direct broadcasting from earth satellitesMP June 436g
AS Sept 1204g	Telstar communications satellite
Reverberation  build a simple unit for RE 12n 30c	Telstar-giant step into the future
build a simple unit forRE Jan 30c in audio reproductionRW Apr 37g	RE Sept 30g
long-range bottomAS Jan 62g	the OSCARQST Feb 21g
more on reverberation units RE Sept 46g natural sounding artificial reverberation	Scanning
AES July 219g	solving registration problems in optical character recognitionE Jan 5 77g
NF how to rapidly calculate sensitivity &	Seismology
noise figure ofED Jan 18 40g	automatic marine seismic monitoring & recording device IRE Nov 2209g
~	seismological observatories IRE Nov 2216g
S	Semiconductors
atellites	& solid-state bibliographySP Jan 42d SP Feb 54d SP Mar 49d
achievements & prospects of artificial earth satellitesIRE May 1251g	SP Apr 49d SP May 41d SP June 40d
America's super secret satellite	SP July 31d SP Aug 45d SP Sept 32d
EL May 86g	SP Oct 41d SP Nov 41d SP Dec 38d
automation for future space system launchingsEI Apr 90g	bridge-balanced transitor chopper SP Jan 23g
brief description of the Ranger lunar	characteristics of negative resistance
seismograph IRE Nov 2297g	devicesIRE July 1648g
communication via satellites EE June 382g	contributions of materials technology to semiconductor devicesIRE May 1025g
energy detector forE Jan 26 42g firing an Astrobee 200 rocket	epitaxial growth & devices E May 18 49g
IRE Nov 2272g	group theory & the energy band structure
first Anglo-American satellite  EE June 400g	of semiconductorsRE Aug 1762g
EE June 400g	guide to semiconductor terms RE Dec 80d

high frequency semiconductors  EI June C2 d	check
minimum size & maximum packing density	chron
IRE Mar 286g	chron
modular semiconductor doping concept SP Sept 13g	chron
new semiconductorsEI June C8 d new technique for measuring Hall effect	circui
coefficientSP June 35g	colors
possibilities of field-effect devices	color
EI Oct 112g	color
preparation & evaluation of the	color
properties of gallium arsenide	comm
semiconductor analog of a cold-cathode	copin
counter tubeE Feb 9 46g	coron
semiconductor devices IRE May 1006g	cost
	CRT
semiconductor devices as pressure transducersE Feb 23 35g	curbi
semiconductor inductive elements	D-C
SP Apr 30g SP May 28g	
semiconductor stacks available for use in	debuş Delco
radar modulatorsSP Mar 45g	& &
semiconductors increase strain-gage outputs	devel
ED June 21 45g	diath
transferred electron amplifiers &	dynar
oscillatorsIRE Feb 185g	,
tunnel-diode saturable-reactor amplifier as	easier
a control elementE Mar 23 43g	elimii
use of semiconductor diodes in R-F gates	elimii
SP May 19g	
using Hall generators as contactless	elimii
commutatorsE Feb 9 43g Servicing	exam
a.c. meter calibrationEW Jan 60g	findir
ailing picture tubes, repair or replacement	
EW Jan 46g	first
analyzing closed loop systems	fixing
PF Dec 50g	FM s
analyzing color set defectsEW Aug 40g	FM
answering customers' color questions PF Nov 52g	freak
automatic brightness & contrast control	gettin
PF Apr 36g	bus
automatic steam ironsEW Feb 62g	gettin
basic hi-fi troubleshooting HR July 39g	
batteries are for 'toters'TC June 24g	gettin
blueprints for service benches PF Apr 40c	gettin
PF June 36c	
caddy stock & house call equipment  TC Nov 40g	serv got
calibrate your own scopes & generators	horize
PF Dec 36g	
calibrate your own voltmeters _PF Sept 28g	how
CB servicing made easyEL May 70g EL July 66g	
EL July 66g	how
check it with a square wave generator	hove
check transistors 3-ways	how
check transistors 5 ways KE Apr 42g	

checking up on video amplifiers
chroma alignment TC Dec 28g chroma circuit servicing RE July 38g chroma demodulator & matrix stages
chrome eligenment TC Dec 98g
chroma angument TC Det 28g
chroma circuit servicing RE July 38g
chroma demodulator & matrix stages
PF Nov 32g
circuit tracing printed boards
DE Dec 58c
colors adrift? check color sync PF Sept 32g color TV convergence TC Dec 26g color TV service aids PF Nov 24g
color TV convergence TC Dec 26g
color IV convergence
color IV service aidsPF Nov 24g
color i v service charge guide Fr Hov 30g
communications service pricing guide
coping with callbacks PF June 26g corona in the cage & out PF Nov 70g cost of doing business PF Apr 66g
coping with callbacks PF Apr 52g
corons in the care & out PF New 70g
corona in the tage & out IF Nov 10g
cost of doing businessPr Apr oog
CRT substitution worksRE Mar 36g
CRT substitution works RE Mar 36g curbing TV radiation PF Apr 58g
D-C restoration vs D-C coupling
debugging B plus PF Sept 24g Delco garage door opener-Models R 59 & T59-12V TC Aug s
Delea general deer anger Madela D 50
Delco garage door opener-models K 59
& T59-12VTC Aug s
develop your own tube-test data Pr Apr 82g
diathermy apparatus EW Apr 42g
diathermy apparatusEW Apr 42g dynamic tests with a service scope
dynamic tests with a service scope
easier PC board repairs PF July 26g
easier PC board repairsPF July 26g
eliminate that CRT spotTC Jan 66g
eliminating hi-fi equipment hum
TC July 32g
eliminating TVI PF Jan 28g
eliminating TVI PF Jan 28g examining 1962 TV horizontal sweep
eliminating TVI PF Jan 28g examining 1962 TV horizontal sweep circuits TC Jan 40g
eliminating TVI PF Jan 28g examining 1962 TV horizontal sweep circuits TC Jan 40g
eliminating hl-fi equipment hum  TC July 32g eliminating TVI
PF Oct 38g first aid for printed circuits PF July 53g
PF Oct 38g first aid for printed circuits PF July 53g
FF Oct 38g first aid for printed circuits PF July 53g fixing record changers is a cinch
FF Oct 38g first aid for printed circuits PF July 53g fixing record changers is a cinch
FF Oct 38g first aid for printed circuits PF July 53g fixing record changers is a cinch
FF Oct 38g first aid for printed circuits PF July 53g fixing record changers is a cinch
FM stereo receivers Tre June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g
FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music
FM stereo receivers Tre June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g
FF Oct 38g first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business PF Dec 40g horizontal oscillator running wild
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business PF Dec 40g horizontal oscillator running wild PF Aug 26g
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business PF Dec 40g horizontal oscillator running wild PF Aug 26g
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business PF Dec 40g horizontal oscillator running wild PF Aug 26g how radiation distorts scope traces PF Dec 34g
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business PF Dec 40g horizontal oscillator running wild PF Aug 26g how radiation distorts scope traces PF Dec 34g
first aid for printed circuits FF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business TC Apr 42g got the jitters? PF Dec 40g horizontal oscillator running wild PF Aug 26g how radiation distorts scope traces PF Dec 34g how to install & service TV translators
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business TC Apr 42g got the jitters? PF Dec 40g how radiation distorts scope traces PF Dec 34g how to install & service TV translators TC Feb 28g
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers
first aid for printed circuits PF July 53g fixing record changers is a cinch PF Oct 34g FM stereo receivers TC June 34g FM tuner that buzzed RE Dec 41g freak rasters & their causes PF Apr 32g getting into the background music business PF Feb 28g getting more out of resistance measurements PF Oct 22g getting rid of the 'Christmas Tree' effect PF Jan 30g getting your share of the Citizens Band service business TC Apr 42g got the jitters? PF Dec 40g how radiation distorts scope traces PF Dec 34g how to install & service TV translators TC Feb 28g

how to install FM auto converters	replacement parts for transistor radios
TC May 46g	PF Jan 24
how to make your VTVM reliable	restoring horizontal sweepPF Feb 36
how to save on your Federal income tax	revolution in auto radio - transistors
	are taking overPF Mar 24
PF Feb 42g	rotator maintenance & troubleshooting
how's color TV doing? PF Nov 62g	PF Aug 24
hum hunting in audio equipment	service that meter movement
PF Jan 42g	EW Dec 44
in the shop with a scopeEW July 41g	service transistor sets with V.T.V.M.
industrial technician's pocket kit	EW Oct 56
RE May 39g	servicing CB transistor transceivers
in-home television service techniques	RE Apr 47
EW June 47g	servicing F-M stereo receivers & adaptor
installing an alternator RE Nov 34c	TG Sept 90
instrumenting the service shop	servicing photometric instruments
EW June 30g	TC Nov 36
interpreting your inventory PF Nov 42g	servicing remote controlled TV systems TC Dec 36
ironing out vertical sweep distortion	
PF Aug 56g	servicing the economy tape recorder  RE Nov 45
know your chrominance values	servicing tone-coded squelchPF Sept 58
TC Dec 22g	servicing transistorized hybrid car radios
know your transistorized antenna preamps TC Oct 38g	TC Oct 34
TC Oct 38g	servicing transistorized TV circuits
know your yokes & flybacksPF July 42g	PF Mar 32
little hums of hi-fi PE Nov 47g	servicing two-way the right way
locating radio oscillator defects TC Apr 44g	PF June 1
making money on transistor radio	silence that intercarrier buzzPF July 20
repairsTC July 24g	6 steps to quicker transistor radio repairs
making the most of meter movements	PF Mar 34
EW Jan 54g	sky-gazing explains some TV-radio
marine radio service instruments	problemsTC Apr 47
EW July 30g	solving square-wave test problems
measuring dc millivolts with a dc-to-ac	EW Feb 54
converterRE May 56c	speaking of stable syncPF June 30
measuring P-P voltage with the scope	
TC Sept 18g	speedier servicing with a scope PF Feb 32
meet a transistor radio service specialist	stock guide for communications tubes PF Feb 600
PF Mar 28g	
mobile-installation know-how PF June 28g	stock guide for TV tubesPF Oct 526 sure cures for repeat tube burnout
multiple troublesPF Jan 20g	
9 steps to chroma circuit servicing	PF May 56
RE Dec 32g	synchroguide, from squegs to squeals  PF Oct 54
objective pure white PF Nov 34g	take care of your money making tools
pinpointing the defective color section	TC Nov 26
fast RE Mar 48g	technician, his role in industry EW Mar 25
practical approach to transistor radios	ten tips speed transistor service
TC Jan 33g	RE Aug 36
professional TV alignment techniques	testing magnetic amplifiers PF Oct 81
TC Apr 34g	tools for transistorized circuit repairs
profit from flat rate service calls	TC July 36
PF Dec 42g	trackdown those TV signal losses
radio-TV substitution stock guide	PF May 48
PF Sept 22g	transistor meter saver ends burnouts
remote controlled garage door openers	RE Oct 34
TC Aug 34g	transistors the easy wayTC Aug 30g
repairing superhets in minutes	troubleshooting hi-fi tone controls
PF Aug 38g	TC Mar 34
repairing tape recorders TC Dec 32g	troubleshooting transistorized digital
repairing vertical hold defects TC May 51g	circuits EW Apr 29s
	1

troubleshooting with a color bar generator RE Oct 50g tube changing in the color receiver RE Sept 36g TV control problems TC July 28g TV tuner troubleshooting techniques PF May 26g U.H.F. conversions are profitable EW Sept 42g unusual oscilloscope techniques RE June 44g update your basic transistor stock PF Mar 46g use your scope RE Dec 68g using the oscilloscope delayed sweep EW Aug 26g vertical multivibrator control circuits PF Nov 29g vertical problems in your TV EL Nov 105g PF July 18g visual symptoms tell a story PF Dec 38g weak, washed-out pictures PF Oct 28g what to do when the fuse blows PF July 18g what's different about FM radio servicing PF Feb 48g whipping TV transformer problems TC Mar 30g you can set up color RE Apr 51g your investment in color TV PF Aug 48g your stake in color TV TC Aug 33g SideBand analytic signal representation of modulated waveforms IRE Oct 2071g another phasing-type S.S.B. exciter QST Sept 28c fifty watt filter type exciter CQ July 41c filter-type sidebander QST Nov 15c phasing filter S.S.B. generator QST Oct 38c SS-62 CQ Nov 92c simple sideband exciter uses planar silicon transistors E Aug 10 65g	Solid-State Devices common base cut-off frequency as a function of rise time & excess phase shift
filter-type sidebander QST Nov 15c phasing filter S.S.B. generator QST Oct 38c SB-62 CQ Nov 92c simple sidebander PE June 53c single sideband exciter — CQ Feb 54c single-sideband exciter uses planar silicon transistors E Aug 10 65g six-meter S.S.B., the simple way	inner ear response to high-level  AS Jan 102g interactions between sound waves  AS Aug 1039g magnitude estimations of pitch AS Jan 92g mapping of binaural click lateralizations
S.S.B. reception with A.M. receivers  CQ Oct 37c two-kilowatt P.E.P amplifier using the	space AS Aug 1100g modal response of structures AS May 640g perception of steady & intermittent sounds AS Dec 1853g
3-1000Z QST Dec 40c Solar Cells effect of geomagnetically trapped radiation in solar cells IRE Nov 2320g some factors determining the characteristics of silicon photovoltaic cells SP Feb 45g using, to read holesED Feb 15 78g	pest control with sound S Nov-Dec 13g phasor analysis of some stereophonic phenomena PGA Jan-Feb 18g Philharmonic Hall, an experiment in living sound Sept-Oct 13g problem of sound scattered by sound AS Aug 1045g
Solenoids superconducting solenoidsIRE Mar 274g	propagation of finite amplitude waves AS Jan 9g
26	November-December 1962

sound-pressure theoremAS July 902g	FM multiplex alignment signal generator
sound radiation from a rectangular array of incoherent sourcesS Mar-Apr 32g	FM multiplex stereo detection methods
sound system specifications	EW Jan 50g
AES Apr 167g	FM stereo circuit developments  RE Feb 49g
strange sounds in the atmosphere S Mar-Apr 12g S May-June 25g	FM stereo equipment roundup RE Apr 40d
supplementary sound for Opera	FM stereo multiplex adapter EW Nov 43c
S Jan-Feb 25g	history of stereophonic sound
Speech	reproduction IRE May 776g
analysis of nasal consonants AS Dec 1865g articulatory speech synthesizer AS Feb 179g	how much to pay for stereoHR Feb 53g how to align multiplex adapters
auditory acuity & the perception of	A June 18g
speech AS Sept 1217g	Magnavox FM multiplex adaptor TC Apr s
computer program for pitch extraction	more circuits for FM stereoRE June 53g
AS July 916g correlation techniques for speech	multiplex stereo FM tuners & adaptors
bandwidth compressionAES Apr 163g	AES Jan 23g multiplex stereo generatorAES Jan 31g
emotional content of speech AS July 922g	non-directional stereo effects EW Oct 41g
influence of transmission error on	solving stereo & hi-fi installation
formant coded compressed speech signals AES Apr 149g	problemsTC Sept 72g speakers for stereo listening _TC Sept 68g
methods for the calculation & use of	stereo FM beaconEI Mar 43c
the articulation index AS Nov 1689g	stereo headphones for high fidelity
phoneme selection for studies in automatic	RE Oct 30g
speech recognitionAS Apr 397g spectral analysis of spoken syllables	test record for evaluating stereo systems  A Feb 18g
AS Feb 166g	transistorized FM-multiplex stereo adapter
speech compression by analysis-synthesis	EW Mar 31c
AES Apr 144g	vexing complexity of multiplex FN Sept 215g
spoken digit recognition using	Superconductors FN Sept 213g
vowel-consonant segmentation AS Jan 1g	nonlinear electrodynamics of
syllable analyzer, coder & synthesizer for the transmission of speech	superconductorsRCA Sept 323g
PGA Jan-Feb 11g	Switching avalanche switching EI Oct 92g
validation of the articulation index	coaxial switching with mercury contacts
AS Nov 1698g	EI Oct 106g
amplifiers for stereoTC Sept 64g	faster frequency switching with phase- lock oscillators E Oct 26 54g
anode-follower stereo preamp	redundancy & switching failure
EW July 38c	ED Sept 13 72g techniques of current-mode logic switching
antennas for stereo FM PF Aug 34g	ED Sept 13 54g
assessment of two-channel stereophonic reproduction performanceAES Apr 98g	transistor-diode static switching units
automatic switching for multiplex adapters	Synchros EE Sept 595g
EW Aug 61g	for reliable slip-ring contacts, specify
build the stereo-com PE Oct 76g	surface finish, brush pressure
build your own stereo FM adaptor	ED Jan 4 44g
circuits for FM stereoRE May 36g	T
criteria for compatible AM-FM stereo as	Tape
an interim method for FM multiplex	absolute measurements of magnetic
stereoAES Jan 27g	surface inductionPGA May-June 64g
directory of FM multiplex stereo adapters	age of tape HF Aug 53g automatic stop for WW Feb 74c
doubler adaptor for FM stereophonic	build your own de-gausser TR Dec 30c
receptionAES Jan 13g	build your own de-gausser TR Dec 30c capture nature's sound on RE Feb 44g
filterless method for the detection of	chemical & physical properties of mag-
FM-stereo signalsA Jan 35g	netic recording tapePGA May-June 70g
November December 1069	2.7

communicating with tape HR Mar 43g	black level in WW Jan 2g
editing clock for tape editing  TR May 18c	camera-tube alignment using 30 cycles BE Dec 26g
electronic editing of videotape  WW Sept 404g	CBS-KNXT Hollywood television
electronic video tape editing BE Sept 10g	broadcasting centerMP Apr 251g characteristics of flywheel synchronizing
4 track HF Feb 61g	circuits in TV receiversEE Feb 77g
high-quality preamplifier for WW Feb 52c instantaneous measurement of tape	checking up on video amplifiers
flutterE May 11 93g	PF Jan 26g closed-circuit, for the schoolRE Feb 74g
magnetic tape tester finds the dead	closed-circuit television system for X-Ray
spots RE Nov 52g maximum pulse-packing densities on	inspectionMP June 444g
magnetic tape EE Aug 521g	closed-circuit TV is opening up
photo-magnetic-effect in germanium as a	color alignment setups PF June 34g
pickup means for magnetic tape PGA Sept-Oct 129g	color circuitry, RCA & Zenith RE Feb 35g
professional tapes from budget equipment	color TV based on Land theory uses two
put more on your tapeRE May 64g	single-gun tubes E Sept 21 54g
stereo records & tapesTC Sept 86g	single-gun tubesE Sept 21 54g color TV from A to ZTC Aug 22g color TV installation guideTC May 36g
stereo records & tapes TC Sept 86g tape/slide synchronizer PE May 46c taping off the air PE Oct 57g	colors adrift? check color sync
taping off the airPE Oct 57g television tape fundamentals	compatible FM multiplex system for
BE Feb 10g	stereophonic television service
TV tape time stablility WW Nov 516g Telemetry	AES Jan 16g
data processing & information transmission	coping with new problems, nomographs select TV standardsE Aug 17 56g
for spaceIRE May 1351g	cuedot generator, television-picture
diversity combiner uses beam deflection	signalling for network operation
techniqueE Feb 2 42g electronics for remote measurement &	WW Jan 38g
controlIRE May 1339g	curbing TV radiation PF Apr 58g design '62 RE Jan 50g
electronics in planning space flights	development of image orthicon camera
IRE May 1344g low-level encoding approach: latest details	tubes for color programming
of Titan II telemetry E Nov 23 36g	BE July 8g
new coherent keyer simplifies pulse-code	generatorsEW Aug 51g
telemetry E June 29 71g self-reactance modulation in telemetry	effect of the earth's magnetic field on
oscillatorsE Mar 2 35g	television distortionEE Jan 41g eight tube TV designEW Sept 50g
telemetering impact data from the	electronic editing of videotape
football fieldE Apr 6 46g underwater, for oceanographic research	WW Sept 404g electronic video tape editingBE Sept 10g
E Jan 12 53g	examining 1962 horizontal sweep circuits
versatile diversity combiner handles most	TC Jan 40g
missile-range signals — E Nov 2 40g Teletype	FM sequential signals kill multicolored
flexible system for receiving FSK signals	ghosts E May 25 50g
EE Nov 760g	gallium-arsenide diode sends television by infrared beam E Oct 5 44g highlights of 1963 TV linesPF Oct 3g
getting rid of transients in frequency-	how to install & service TV translators
shift keying E Nov 9 58g getting started in RTTY _QST June 25g	TC Feb 28g
RTTY test equipmentQST July 11g Television	key TV, a participation approach to
an all transistor television tape recorder	subscription televisionMP Mar 157g
MP Dec 933g	look inside a color TV station PF Nov 38g
automatic sensitivity control for vidicon	mobile videotape installation-TWW,
TV camera E Feb 9 52g banana-tube color-television display	England BE Dec 10g more on the TV camera RE Aug 41g
systemE Jan 26 44g	multi-output TV test generator EW Apr 36g
28	Navember Decamber 1969
28	

must we have UHF-TVPE May 41g	for troubleshooting transistor radios
narrow-band TV uses pseudo-random scan E Apr 27 49g	PF Mar 26g large screen scope with wide frequency
new experimental color TV camera	range RE Nov 32g new ASA standard sound level meter
TC Aug 39g	AES Oct 318g
new Motorola TV designEW July 36g new uses for closed-circuit TV RE Mar 4lg	notes onPF Jan 62g
new Westinghouse TV circuits EW Mar 56g	PF Feb 62g
Nuvistors cut noise in VHF TV boosters	novel digital signal generator uses
RE June 38g	magnetic-core pegboard E July 6 46g
	125.5-db 1-Megacycle audio attenuator
pinpointing the defective color section fastRE Mar 48g	A Dec 23c
professional TV alignment techniques	currentsRE Feb 39g
TC Apr 34g	roundup for the audiofan A Jan 23g
servicing transistorized TV circuits	signal generators for FM multiplex
PF Mar 32g	EW June 73g
stability criteria for television camera	signal monitorPE May 51c
tubesMP June 419g	test equipment for communications
status of color TVEW Aug 25g	servicingEW June 44g
stereo-color television BE July 4g	transistor oscilloscopeEE Oct 669g
stop transistor failures in magnetic-	Test Instruments
deflection circuitsE Aug 3 37g	a.c. meter calibrationEW Jan 60g
studio lighting in the BBC television	audio generator fits your tube caddy
centre MP Apr 266g	RE Feb 66c audio voltmeter-wattmeter RE Mar 52c
Telemeter pay television system	automatic diode checker for silicon power
MP Mar 161g	rectifiersPE June 49c
television system maintenance BE Jan 6g	combination S.W.R. bridge & amplifier
television tape fundamentals BE Feb 10g BE Mar 6g BE May 24g BE Apr 8g	linearity indicatorCQ Oct 22c
BE June 20g BE July 14g	compact transistorized impedance bridge
they're transistorizing TV remotes	EW Aug 46c
PF Oct 32g	direct-writing oscillograph EW Jan 57g dynamic transistor bridge EW May 52c
top hop educational TV microwave	echo-jet signal injector RE Mar 460
system BE Jan 16g	electrometer, where it's used/how it
troubleshooting with a color bar generator RE Oct 50g	worksEW July 33g
tube changing in the color receiver	experimenter's transistor tester PE Apr 710
RE Sept 36g	50-volt transistorized megohmmeter
TV camera you can build RE May 48c	EW Mar 450
RE June 60c	for bench & caddyTC Aug 42g
TV control problemsTC Feb 40g	good generator sweeps clean PF Sept 30g
TV set uses 6 compactronsRE Apr 68g	high sensitivity capacitance-meter  EE Mar 1839
UHF in every television set RE Nov 66g	
ultraviolet space telescope will scan the	improved expanded scale voltmeter PE Mar 516
stars E Nov 16 37g video transmission by Delta Modulation	
IRE Apr 428g	instrument probes & their uses TC Nov 29g
weak, washed-out pictures PF Oct 28g	low-cost square-wave generator PE Jan 586
Zenith color-TV featuresEW Feb 46g	micro-master capacitance meter
Test Equipment	PE May 610
audio measuring A Jan 19g	modulation meterWW Sept 419
directory of kit test equipment	multi-output TV test generator EW Apr 36g
EW June 57d	new precision low-level bolometer bridge
electromechanical waveform generator &	IRE Jan 39g
analyzerEE Apr 256g	new suspension for meter movements  EI Mar 989
eliminating pickup noise in test equipment	new test instruments for bench & caddy
ED Apr 12 44g ED Apr 26 66g	
	TC Feb 36g TC Apr 39g
Fisher Model 300 multiplex generator RE Nov 40g	TC Feb 36g TC Apr 39g notes on the BC-221CQ Aug 52g

oscilloscope, industrial handyman	scale linearization for thyratron timers
RE July 52g	versatile programmed timer EE Nov 53c
oscilloscope, miniature transistorized  EW Feb 40c	Tone Arms
oscilloscope voltage calibrator EW Sept 32c	
standing wavemeter	improvements in arms HF Apr 42g inner-groove distortion A June 32g
portable precision frequency standard	stereo tone arm for tracking at two
RE July 76c	grams on a record changer
portable test oscillator for higher	PGA Sept-Oct 149g Transceivers
frequenciesWW Aug 385c	combined oscillator-amplifier for tone
Q-D tester PE Feb 89c	E Feb 2 44g
selenium photocell light meter EW Feb 96g	hand-portable Kilowatt (P.E.P.) linear with
simple transistor voltmeter WW Apr 152g	power supplyQST May 40c
simple wavemeters for V.H.F. beginners  QST May 18c	how to buy a transceiver for Citizens
	radioEL May 30g
slow sweep generatorEE May 320g square-wave adaptorEL Sept 84c	mobile radio - transistor style
sweep generator report RE Aug 52d	PF Mar 30g servo-tuned, for airborne VHF
sweep generator report RE Aug 52d transmitter metering unit QST Sept 59c	communicationsE Jan 5 82g
tunable AF signal tracer has many users	simple 420-Mc. transceiver QST May 11c
RE Dec 36g	three transistor CB transceiver
U.H.F. grid-dip meter for the ham shack EW Nov 58c	EW Nov 38c
U.H.F. grid-dip oscillatorQST Feb 55c	transceiver for 6 PE Aug 45c
value checker for electrolytics EW Mar 42c	transistor transceiver for 6 meters
versatile electronic switchEW Mar 50c	QST June 37c
versatile field strength meterTC July 39g	2-watt all-transistor portable 6-meter station QST Mar 32c
Theory	V.H.F. man's control unitCQ Aug 37c
Boucherot effect	Transducers
know your dbTC Aug 27t	a shaft speedEE Feb 103g
meet the decibelFN Feb 593g	condenser earphones with multiple layers
Routh's criteria WW June 275t	of solid dielectric AS Nov 1774g
solve your problems with Kirchhoff's laws  RE Apr 57g	designing transducer bridge circuits
understanding graphsFN Mar 677g	ED June 21 54g distributed-coupling transducers AS Mar 333g
understanding the decibel HR Aug 47g	fabrication of a magnetic tape transducer
Thermistors	PGA May-June 79g
thermistors in industryRE Mar 68g	line-and-cone underwater transducers
voltage suppression with PTC thermistors	AS Oct 1576g
ED Aug 2 76g	measurement of coupling coefficient in piezoelectric transducers AS Dec 1883g
Thermoelectricity	near-field transducer measurements
developing a thermoelectric baffle	AS Nov 1737g
EI May 106g	new methods & materials pay off
electronic cooling & heating RE Jan 26g	ED June 21 48g
Thin-Films	parameter of a piezoelectric transducer  AS July 895g
how good are thin-film triodes?	preloading of acoustic transducers for
E Dec 28 29g	high-pressure operationAS Mar 305g
latest thin-film circuit techniques	prestressed electrodes for spherical
switching speed & dissipation in fast,	transducers AS Dec 1933g
thin-film cryotron circuits	semiconductor devices as pressure
IRE Dec 2452g	transducersE Feb 23 35g semiconductors increase strain-gage
TFT — new thin-film transistor	outputsED June 21 45g
IRE June 1462g	specifying transducer environments
Timers	ED June 21 50g
linearizing the thyratron timer	tunnel-diode electromechanical transducers
EW May 92g	AS July 883g
30	November-December, 1962
	1.0.000001, 1304

scale linearization for thyratron timers

oscilloscope, industrial handyman

ultrasonic intensity gain by composite	guide to modern junction transistor types
transducersAS Feb 188g	E Aug 17 46g
Transformers	high fidelity with transistors _A May 22c
end of I.F. transformers?transfilters  RE Oct 4lg	how copper wire balances parallel power
leakage inductance, a useful circuit	transistors E Nov 23 47g how to avoid avalanche in transistor
component A Dec 24g	circuits ED Dec 6 48g
line stabilization & constant voltage	how to specify & measure transistor
EE Jan 21g	noiseED July 19 50g
meet the power transformer EL Nov 59g	junction, analysis for circuitry EI Jan 108g
practical 'tricks' with transformers	
TC Sept 24g	kilowatt R.F. transistorsCQ Aug 64g
pulse transformers, frequency response, &	know your transistor circuitsPF Mar 3g
wide band transformersEE Sept 608g	large signal high-frequency effects in
recently derived graphs simplify pulse	junction transistorsIRE Jan 66g
transformer design E Nov 2 52d specifying pulse transformers	measuring temperature stability of low-
	leakage transistorsED Oct 11 88g
transformer tacticsPF Sept 44g	measuring temperature with diodes &
wide-band coaxial transformers using solid	transistors E May 4 38g
dielectric cablesEE Apr 252g	moisture exclusion from encapsulation of
Transistors Transistors	long-life IRE Feb 141g
	new complementary transistors make
avalanche transistor circuits for	series Schmitt circuits practical
generating rectangular pulses	E Aug 31 52g
base layer design for high fragment	one more transistor makes a linear
base-layer design for high-frequency	sawtooth E Dec 7 50g
transistors RCA Mar 112g	plotting transistor characteristics
basic transistor circuitsEL Sept 29g Beta cutoff frequencies of junction	WW July 338g PNP-NPN circuits: new look at a familiar
IRE Feb 194g	connection E Nov 23 42g
better ways to protect transistors with	
Zener diodes & fusesE Sept 28 64g	protecting from transients E Jan 26 58g
choice of collector load resistance for	proving long term reliability for alloy
minimum harmonic distortion	transistorsEI May 102g
EE Feb 108g	pushing transistors above their frequency limitsE June 22 46g
circuit applications of the field effect	rapid measurement of transistor
transistorSP Feb 33g	junction-to-case thermal resistance
SP Mar 30g	SP Dec 17g
complementary compound emitter follower	reactance transistor SP Oct 34g
E Mar 16 66g	spikes on chopper transistor waveforms
degradation mechanisms in germanium	EE Mar 163g
P-N-P alloy transistorsSP June 25g	taillight transistor protector A Sept 48g
SP July 18g	taking the temperature of PE Jan 65g
dependence of power transistor failure	technology of transistor mask fabrication
on their energy characteristics	SP May 32g
SP July 15g	TFT - new thin-film transistor
design considerations for double-diffused	IRE June 1462g
silicon switching transistors RCA Dec 587g	thermal noise in field-effect transistors
designer's check list for reliable producible	IRE Aug 1808g
transistor circuitsED Mar 29 40g	transistor characteristic curve tracer
ED Apr 12 52g ED Apr 26 62g	EW May 30g
ED May 10 66g ED May 24 82g	transistor data chartsED July 5 34d
determining permissible pulse power	transistor mounting & application guide
ED Nov 8 106g	EI June D14g
field effect, as a negative-resistance	transistor pairs improve emitter-follower
device E Feb 2 48g	performanceE May 25 48g
four ways to pair field-effect &	transistor power ratings & heat transfer
conventional transistors ED Aug 16 44g	EW Mar 66a
generalized analysis of a single transistor	transistor storage effectEW Mar 48g
stageEE Apr 260g	transistor substitution box PE May 79c
7 7 V	

	1 11
transistor switching dissipation	novice gallon or general 150-watter
nomograph SP Dec 32d	QST June 30c
transistor test techniques with an ohmmeter  EW July 66g	one tube on sixCQ Jan 32c one tube — 30 wattsCQ Aug 26c
transistors & high power pulses	one tube - 50 wattsCQ Aug 20c
EE Apr 244g	packaged power for sixCQ Dec 28c
transistors in hi-fi equipment _TC Oct 3lg	practical Pi-Network design data
transistors in space WW Mar 102g	CQ Aug 44g
transistors or tubes for hi-fi? EW Oct 29g	simple, stable 220 Mc transmitter  CQ Oct 45c
transistors, types & techniques	6 meter linear amplifierCQ Mar 58c
PE Nov 64g	some tips on neutralizing R.F. stages
transmitting with transistors QST Sept 19c	QST Aug 36g
trends in HF Feb 54g	10 meter mobile transmitter _CQ Sept 24c
universal replacement transistors  TC Oct 28g	three tubes on three-quarter meters
update your basic transistor stock	CQ Dec 48c
PF Mar 46g	transmitting with transistors QST Sept 19c
Transmission	U.H.F. television transmitter CQ Apr 26c
calculate transmission line resonant	ultimate exciterQST Oct 11c Ultimate linearQST Oct 12c
frequencyE Oct 5 56d	
isopreference method for evaluating	using the 6C21 in a tuned cathode  1 kw linear CQ Apr 42c
speech-transmission circuits	V.H.F. contest specialQST Oct 20c
AS June 762g	zero-bias sweep-tube modulators
predicting reduced bandwidths in	QST Feb 34c
resonant linesED Sept 27 72g transmission line simulating nerve Axon	cordless voice-assist system for a small
IRE Oct 2061g	auditorium AES Apr 140g
Fransmitters	design of transistorized CBEW Feb 34g
Amateur	design problems of modern television
adapting the KWM-1 to 40 meters	transmitters E July 20 53g
CQ Aug 32c	introduction to transistor transmitters
another phasing-type S.S.B. exciter	EE Nov 744g
QST Sept 28c	modulation of driver stage to increase
compact 6 meter transmitter _CQ Oct 25c compact six-meter transmeter	power output of A-M transmitter
QST Dec 57c	new 20 Kw FM transmitter BE Aug 4g
complete mobile installation for compact	novel circuit damps transients in voice-
carsQST Feb 44c	operated transmitters E Sept 28 669
complete transmitter from an SB-10	powerless wireless EI Mar 47g
adapterQST Aug 12c	powerless wireless EI Mar 47g RFD 100 PE Nov 57c
diode multipliers in V.H.F. exciters	testing transmitters PF June 66g
CQ Mar 36g	three coupling networks for transistor
DX-100 modificationsQST Sept 34c	output stagesED Oct 25 48g tiny solid-state transmitter may save your
easy to build V.F.OQST Feb 25c	life E Nov 30 90g
economical 813 final for the ham	transistorized transmitter for college
EW Feb 86c	stationsEW Apr 52c
filter-type sidebander QST Nov 15c five transistors-two tubes- 35 watts	stationsEW Apr 52c transmittersIRE May 901g
QST Apr 16c	Tubes
5 watts on 432 Mc with the 6939 dual	ailing picture, repair or replacement
pentodeQST Mar 36c	EW Jan 46g
four watts for six metersQST Aug 28c	amateur transmitting tube testing
harmonic crystal oscillator design	EW Jan 42g
CQ July 29g	Argon, Krypton & Xenon admixtures in
how kit transmitters workCQ Feb 36g	neon glow-discharge reference tubes
CQ Mar 39g	EE May 326g
milliwatt on 6 PE Feb 56c	basic CRT inventory PF July 24g
mobile monobanderCQ May 29c	beam-deflection & photo devices
mobile transmitter designed for amateur	IRE May 991g
useWW May 202c	calculating coating weightEI Mar 117d

calculation of triode characteristics	advanced alignment methods for hi-fi
using a modern high-speed computer	TC Ian 36g
RCA June 246g	build this all-transistor FM tuner
camera-tube alignment using 30 cycles	RE Sept 38c
ceramic reduces grid-emission _EI Sept 120g	design aspects of FM stereo tuners &
current European developments in	adaptors PGA Mar-Apr 38g
microwave tubesIRE May 985g	design of tunnel diode UHF-TV tuners
derivation of ideal electrode shapes for	FM tuner specifications TO Man 36Ag
electrostatic beam focusing RCA Mar 47g	FM tuner specificationsTC May 39g FM tuner with a twistRE May 52g
design & performance of a high-resolution	high-fidelity TV sound RE Dec 28c
vidicon MP Nov 833g	search tuners in auto radios PF July 22g
develop your own tube-test data	transistor front ends for FM tuners
PF Apr 82g	AES Jan 39g
development of image orthicon camera	transistorized FM front endsA Aug 19g
tubes for color programming	what makes a tuner sound good?
electron tube interchangeability chart	Turntables HR Dec 59g
EI Mar 149d EI Apr 117d	how they make hi-fi turntables
EI June C54 d EI July 119d	EL Jan 101g
electrostatically focused vidicon	lightweight or heavyweight HR Jan 45g
MP Oct 772g	new turntable-arm design A Sept 19g
gas discharge tubesIRE May 970g	A Oct 34g
history of microwave tubes IRE May 978g	turntable rumble & pickup arm design
impact of receiving tubes on broadcast &	WW Sept 435g
TV receivers IRE May 805g	IJ
life expectancy of cold-cathode tubes  EE Dec 798g	Liltuagemies
new Dekatron for direct operation of	Ultrasonics
digitronsEE June 372g	analysis of the pulse superposition method  AS May 609g
new receiving & special-purpose tubes	atomization of liquidsAS Jan 6g
EI June C48 d	bonding methods for ultrasonic
portable tester for thyratron tubes	measurements AS Dec 1879g
EI Dec 108g	build yourself an ultrasonic cleaner
present generation of travelling wave  EE Feb 72g	effect of insonation during the
semiconductor analog of a cold-cathode	precipitation-hardening of alloys
counterE Feb 9 46g	S Nov-Dec 35g
solion tetrode integrates chromatograph	in testingEW Jan 31g
signalsE Mar 23 46g	optical effects of ultrasonic waves
space-charge control tubes IRE May 967g	AS Oct 1547g optical measurement of ultrasonic pulses
stability criteria for television camera tubes	AS Mar 265g
MP June 419g	present & future applications of ultrasonics
stock guide for communications PF Feb 60d	in biomedicineIRE May 1393g
stock guide for television PF Apr 28d	putting 'silent sound' to work PF Apr 74g
stock guide for TV tubes PF Oct 52d storage tubes, a survey of types &	sound speed in solids at 100 to 500 Mc
functionsWW June 250g	AS Apr 404g
testing tubes at home	ultrasonics in industry IRE May 1385g ultrasonics in radio, radar & sonar
traveling wave tubes & reliability	IRE May 1374g
EI Nov 102g	volume viscosity of the molten chlorides
tube inventory for service shops	AS May 616g
EW May 42d	***
tubes to protect & control high-power modulatorE Jan 12 56g	V
Provide at the Control of the Contro	Varactors
using the nuvistor on V.H.F. bands	designing varactor multiplier chains
EW Aug 43g	frequency multiplication with power
uners	varactors at U.H.FQST Oct 60g
ovember-December, 1962	
, 200	53

parametric behavior of an ideal
two-frequency varactor IRE Jan 78g
three ways to measure varactors of the future E Sept 7 49g
Vibration
acoustically & mechanically induced
vibrations AS May 674g combined random & sinusoidal vibration
combined random & sinusoidal vibration
testing AS Aug 1076g mechanism of interaction between
mechanism of interaction between
vibrations & heat transfer
AS Dec 1887g
modulated photoelectric measurement of
vibration AS Apr 455g
mounting, using low- & high-damping
materialsAS Jan 54g
vibration controlS May-June 34g
vibration measurements with peak-reading
circuitE May 18 57g
vibrations of an infinite, monoclinic
crystal plate at high frequencies &
long wave lengths AS Dec 1895g
vibration problems with microphones
S Nov-Dec 21g

Voltage Dividers, frequency-independent E Apr 6 52g

## $\mathbf{W}$

Waveguides
attenuation measurement of low loss
specimens in a waveguide \_EE Mar 148g
direct reading impedance & reflection
indicator \_\_\_\_\_\_ EE Jan 14g
using double-ridge waveguide for electronic
countermeasures \_\_\_\_\_ E Oct 5 50g
waveguide nomogram for X-Band
ED Apr 12 48d
Y-guide a new type of surface waveguide
E Nov 2 44g

## X

X-Ray analysis, theory & application EW Feb 49g

# PERIODICALS INDEXED

A	Audio	HR	Hi-Fi/Stereo Review
AES	Journal of Audio Engineering	IRE	Proceedings of I. R. E.
	Society	MP	Journal of S. M. P. T. E
AS	Journal of Acoustical Society	PE	Popular Electronics
BE	Broadcast Engineering	PF	PF Reporter
CQ	CQ	PGA	Prof. Group-Audio
E	Electronics	QST	QST
ED	Electronic Design	RCA	RCA Review
EE	Electronic Engineering	RE	Radio-Electronics
EI	Electronic Industries	S	Sound
EL	Electronics Illustrated	SP	Semiconductor Products
EW	Electronics World	TC	Electronic Technician
FN	Hi-Fi News	TR	Tape Recording
HF	High Fidelity	ww	Wireless World

## NOTES

## RADIO MAGAZINES, INC.

**Book Division** 

P. O. Box 629 Mineola, New York

## IN CASE YOU HAVEN'T HEARD . . .

Now you can save by ordering the book you need ... through our BOOK DIVISION

For any hard-cover book in print, whether text, technical, reference or non-fiction . . . send only 90% of the regular list price, with full title and publisher. We ship promptly by mail with no postage or handling charge.

ORDER NOW!!! Get the book you need and SAVE!

RADIO MAGAZINES, INC.

**Book Division** 

P. O. Box 629

Mineola, New York

